

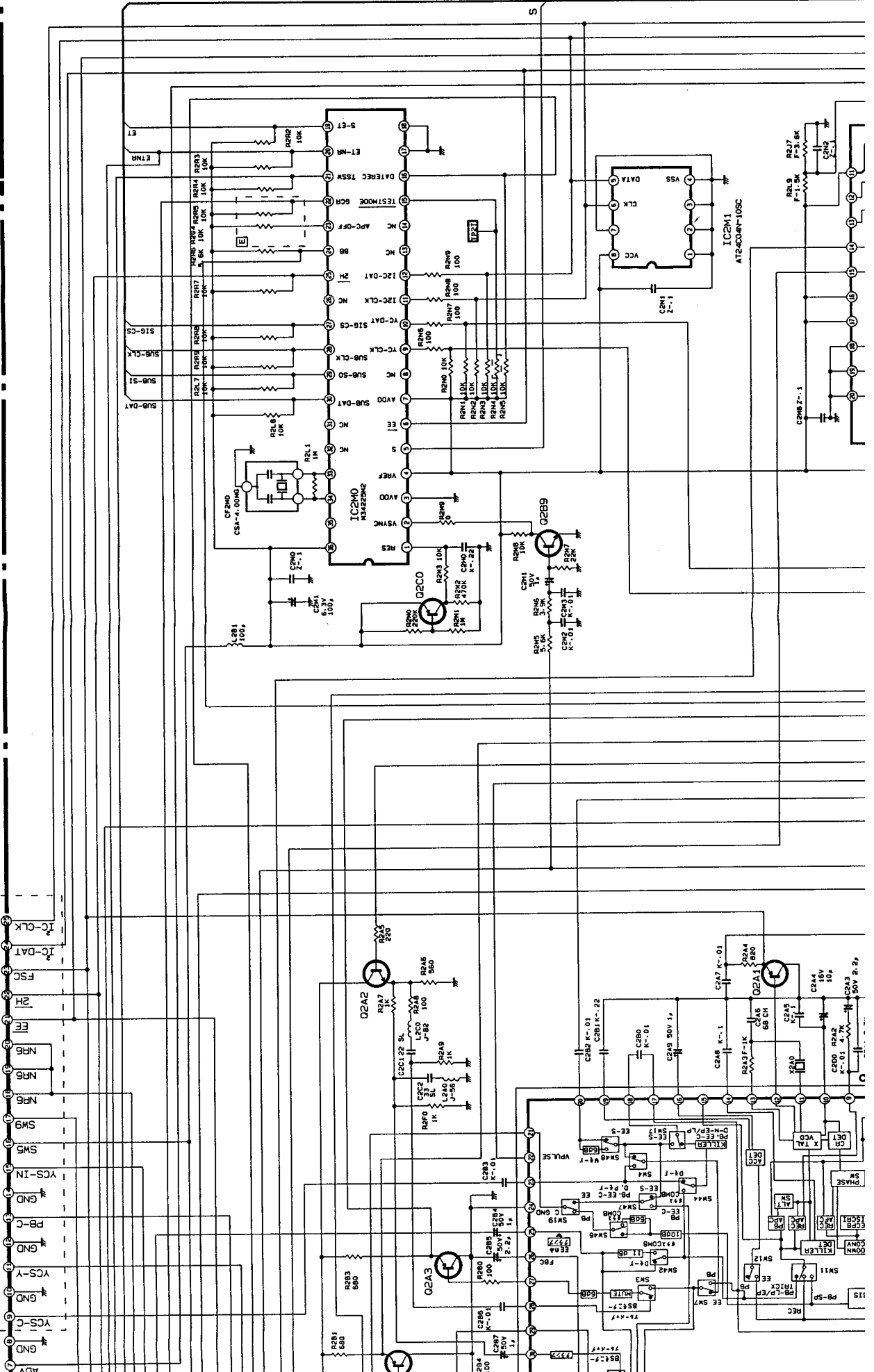
Specified
 resistors are 2SC2412K-R. S/2SD601AI-R. S
 resistors are 2SA1037AK
 transistors are DTA124EKA/RT1P241C
 1/6W or 1/4W
 S254

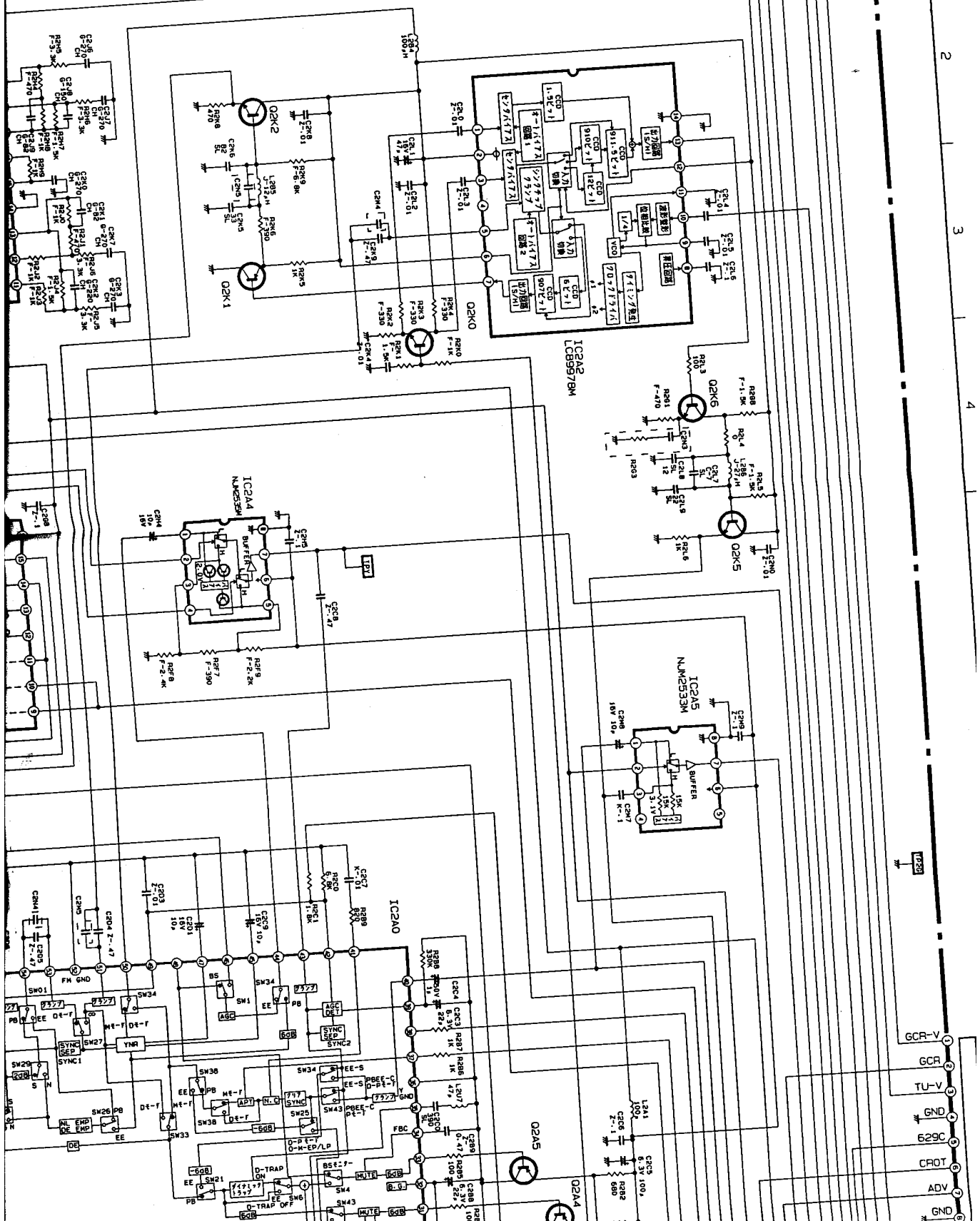
A	5	P&W ER	HS-U775
A	4	P&W ER	HS-U795

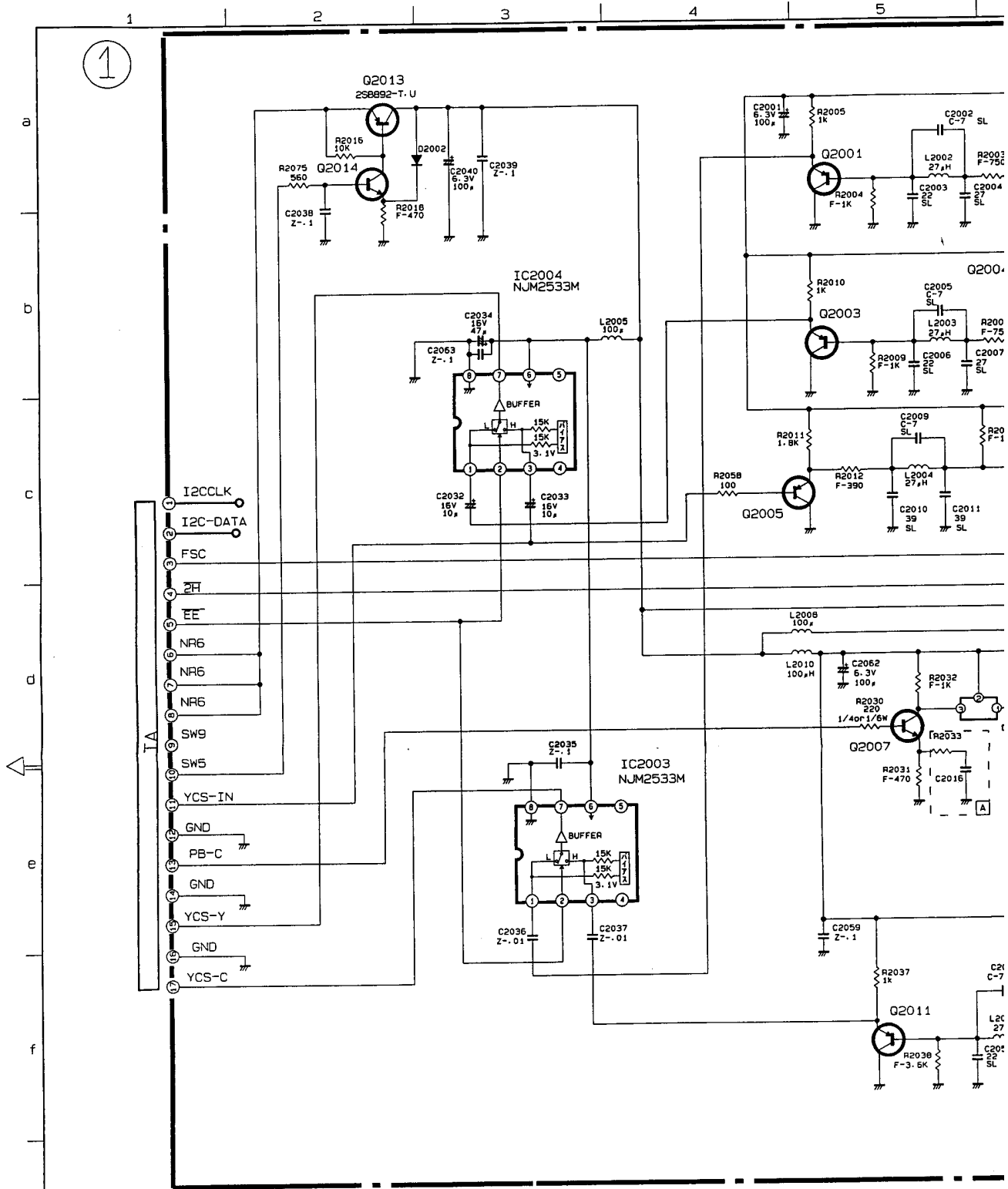
改訂 CHANGE MARK	別添 ITEM	品番 ITEM	34 A	35 A	規格	MATERIAL AND DIMENSIONS	(MI) MARK	UNIT CODE	2 R	32 R	33 R	34 R	35 R	36 R	37 R	38 R	39 R	40 R	摘要 REMARK
* 出図先						5 ~ TITLE OF DRAWING ~ 24													
第3角法 3RD ANGLE PROJECTION						DIM 尺度 SCALE 作成日付 DATE IN mm NTS '99.01.13				名 SCHEMATIC-DIAGRAM (2/2)									
MITSUBISHI ELECTRIC CORPORATION						作 成 図 樣 設 計 検 査 DRAWN CHECKED DESIGNED				25 26 27 28 29 30 31									
基 結						北村 北村				983B774									

9 10 11 12 13 14 15 16

图 1.4:17E





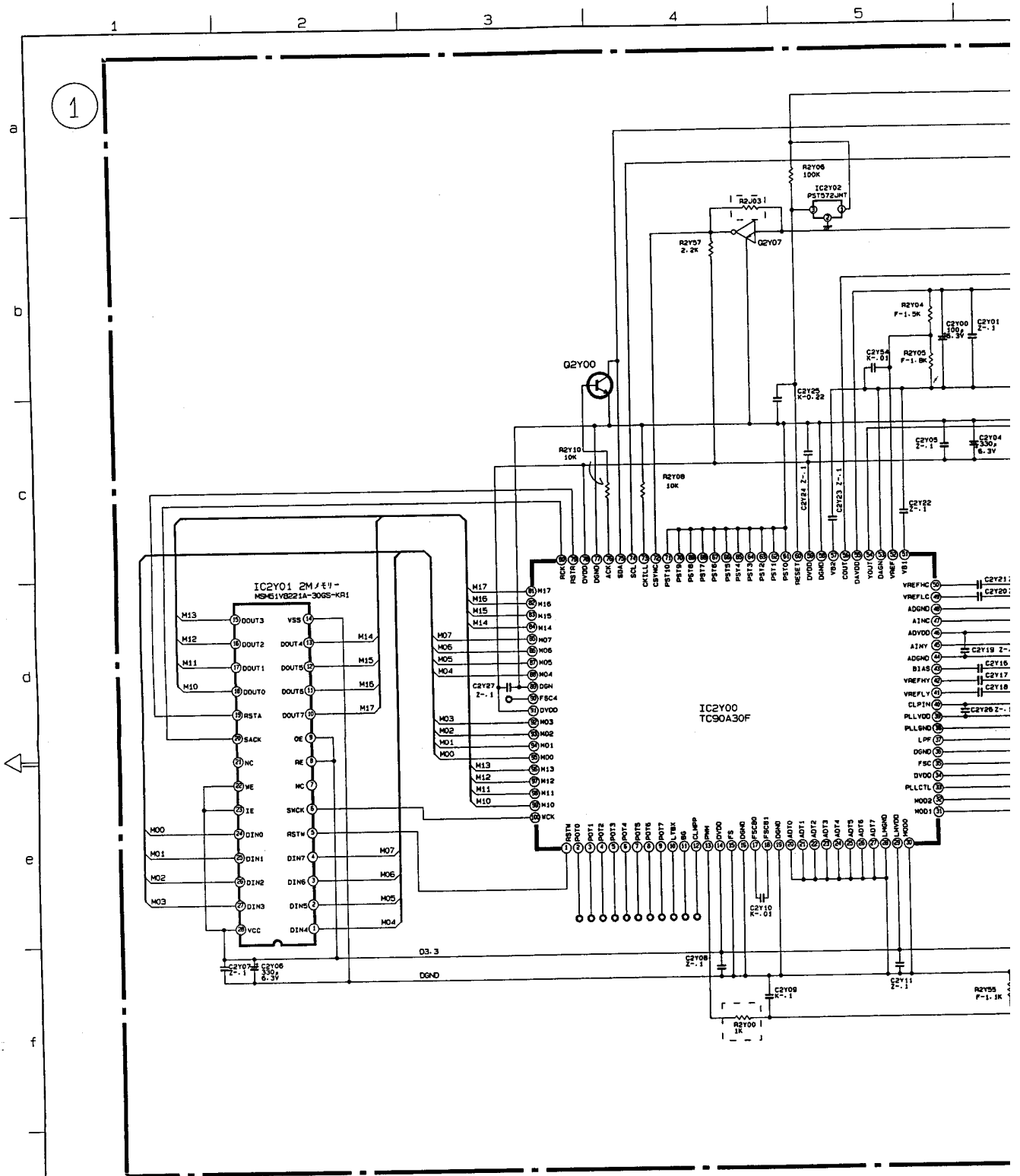


	A	B	C2067						
ADDRESS	d-6	b-7	a-7						
ITEM1	X	X	X						

Note : Unless otherwise specified:
 All PNP transistors
 All NPN transistors
 All PNP digital
 All NPN digital
 All diodes are D

改定 CHANGE

HS-U775 P-TRIAL

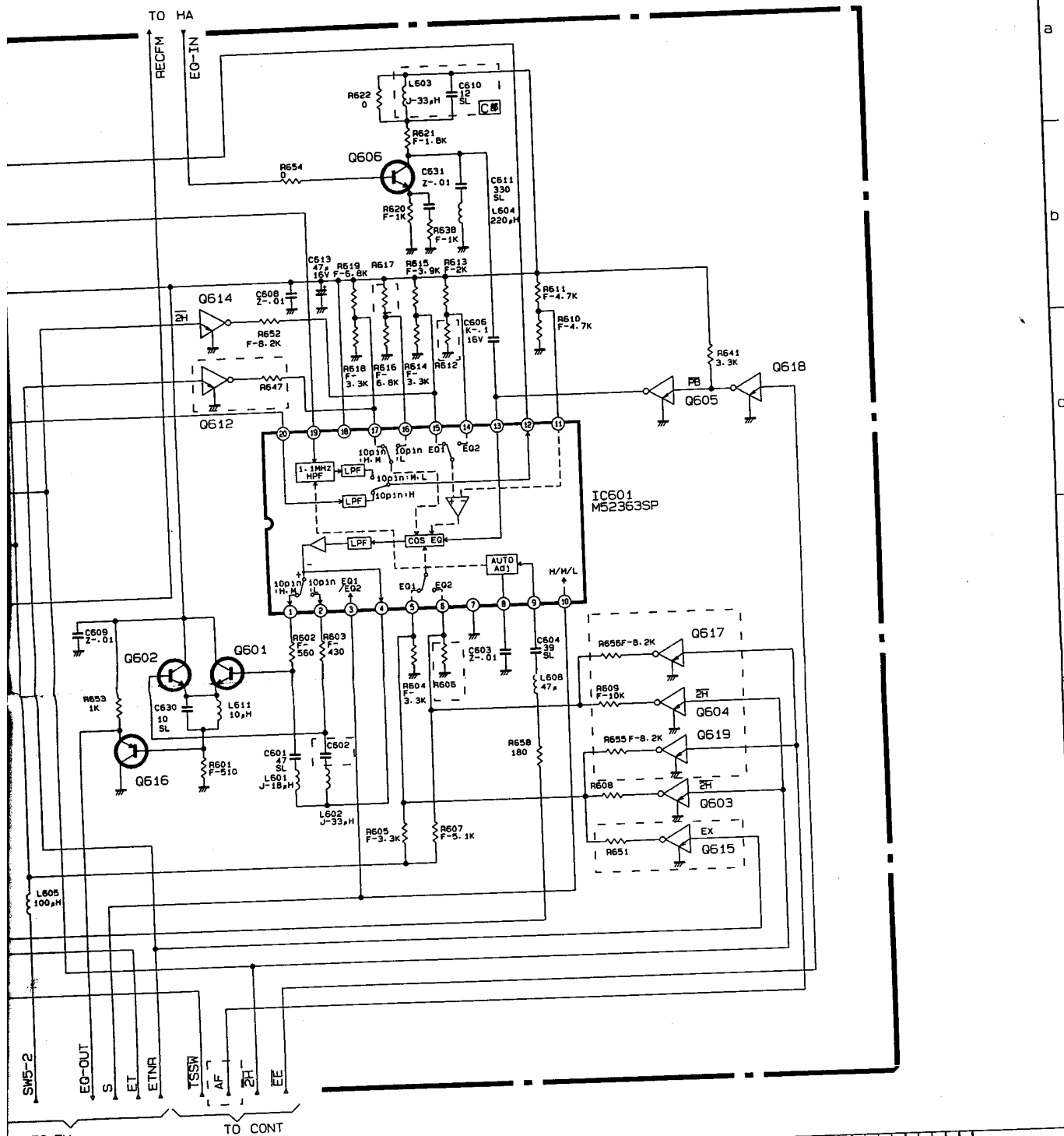


Note : Unless otherwise specified
 All PNP transistors are 2SA1037AK
 All NPN transistors are 2SC2412K-R,S/2SD601AI-R,S
 All PNP digital transistors are DTA124EKA/RT1P241C
 All NPN digital transistors are DTC124EKA/RT1N241C
 All diodes are DAN202K/M1MA151WK1

	A	C	C2A03	C2A24	C2P00	R2Y00	R2Y10	R2Y11	R2Y03	L2Y03
ADDRESS	f-9	b-11	b-11	e-11	e-7	f-4	c-4	c-4	b-4	c-6
ITEM1	X	X	X	X	X	X	X	X	X	X

改定 CHANGE

HS-U795 P-TRIAL



TO TU	TO HA	REC FM	EQ-IN	EQ-OUT	S	LET	ETNR	TSSW	AF	2H	EE	TO CONT
HS-U775	EQ	50X										
HS-U795	EQ	50X										
HV-BS860	EQ	50X										
A 5	EQ											
A 4	EQ											
A 1	EQ											

R652	
R-10	
X	
O	
O	

← HS-U775
← HS-U795

規格 MATERIAL AND DIMENSIONS (MI) UNIT MARK

5~ TITLE OF DRAWING SCHEMATIC-DIAGRAM

DATE 1998.11.11

MITSUBISHI ELECTRIC CORPORATION

基結 大西 大西

983B777

①
④
⑤

a

b

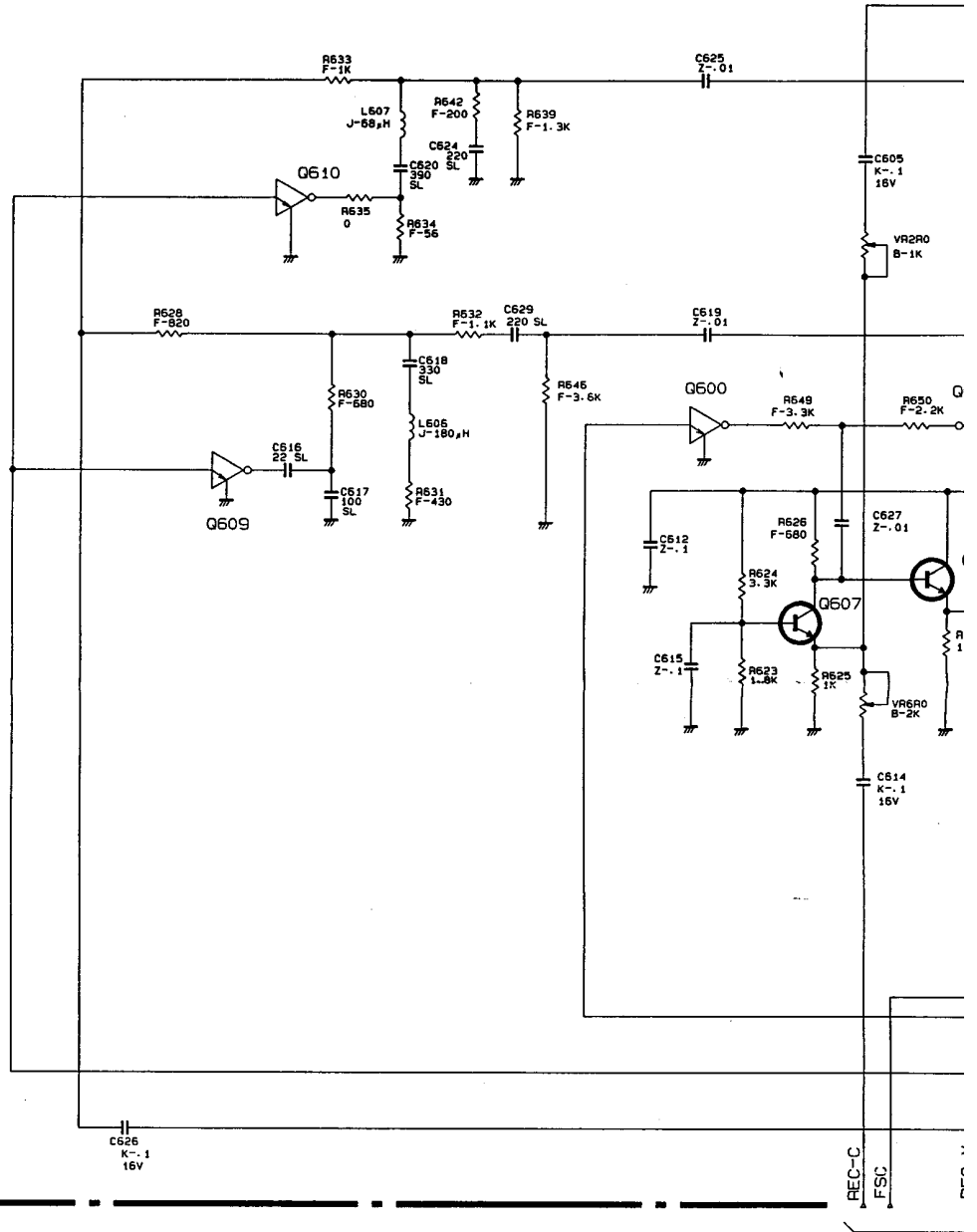
c

d

e

f

g



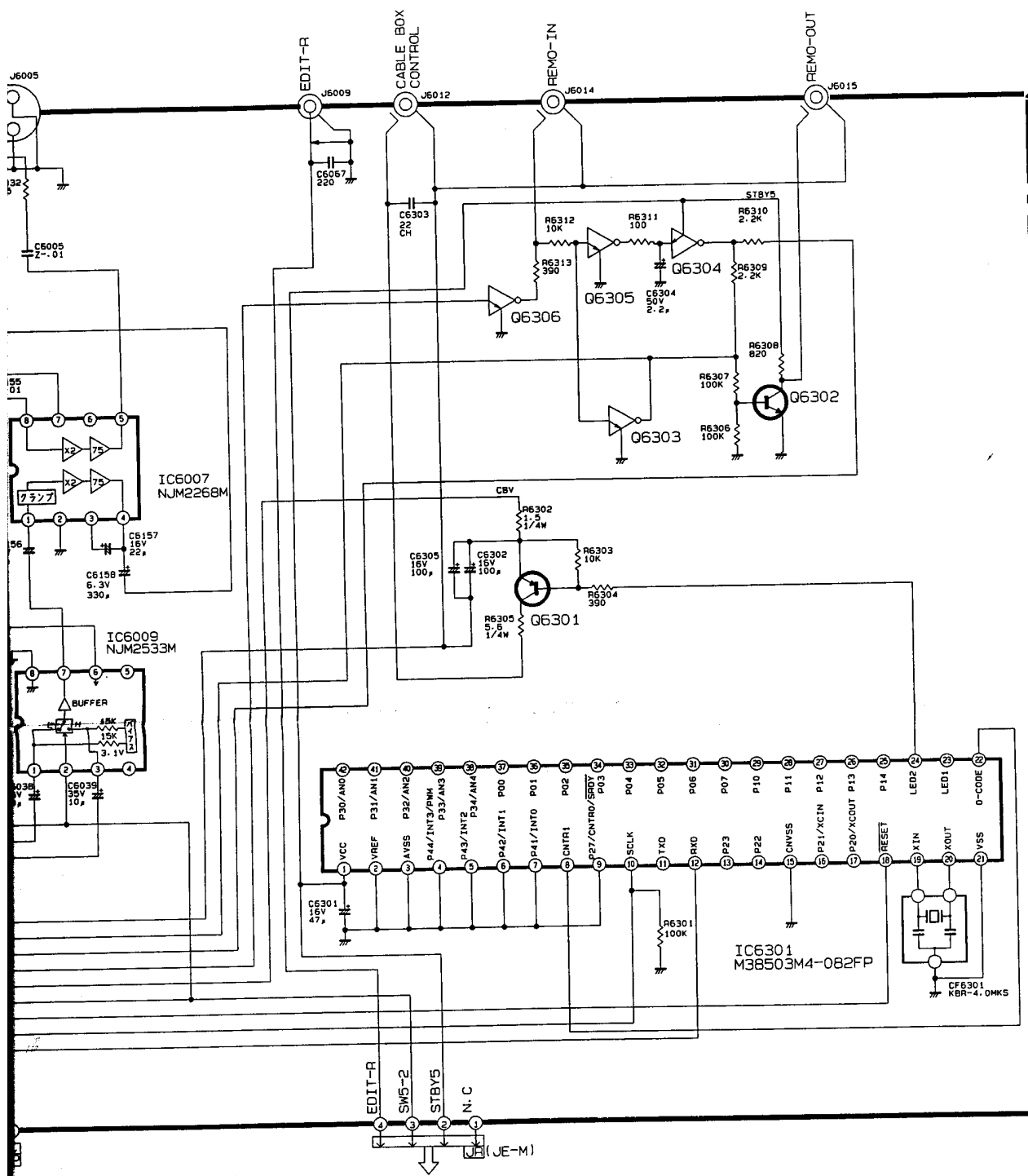
Note : Unless otherwise specified
 All PNP transistors are 2SA1037AK
 All NPN transistors are 2SC2412K-R, S/2SD601AI-R, S
 All PNP digital transistors are DTA124EKA/RT1P241C
 All NPN digital transistors are DTC124EKA/RT1N241C
 All diodes are DAN202K/M1MA151WKT1

	C #	R651	R609	Q604	C602	R606	R608	R612	R617
ADDRESS	a-8	e-9	e-9	e-10	a-8	d-9	e-10	c-9	b-8
ITEM1	X	X	X	X	56	F-2.2K	F-15K	F-2K	F-3.6K
ITEM4	X	X	X	X	47	F-3K	X	F-3.3K	F-2K
ITEM5	X	X	X	X	56	F-2.2K	F-15K	F-2K	F-3.6K

改定 CHANGE

HS-U795
HS-U775

P-TRIAL



T881C873

R/S/2SD601AI-R/S
 TA124EKA/RT1P241C
 TC124EKA/RT1N241C

改訂	仕様	品番	寸法	単位	材料	寸法	単位	備考
変更	仕様	品番	寸法	単位	材料	寸法	単位	備考
仕様	品番	寸法	単位	材料	寸法	単位	備考	
A 2	JACK	HS-U775	50X					
A 1	JACK	HS-U795	50X					

規格 MATERIAL AND DIMENSIONS (M1) UNIT CODE

第3角法 3RD ANGLE PROJECTION DIM IN mm SCALE (NTS) 作成日付 DATE 1999.01.14

5 ~ TITLE OF DRAWING SCHEMATIC-DIAGRAM ~ 24

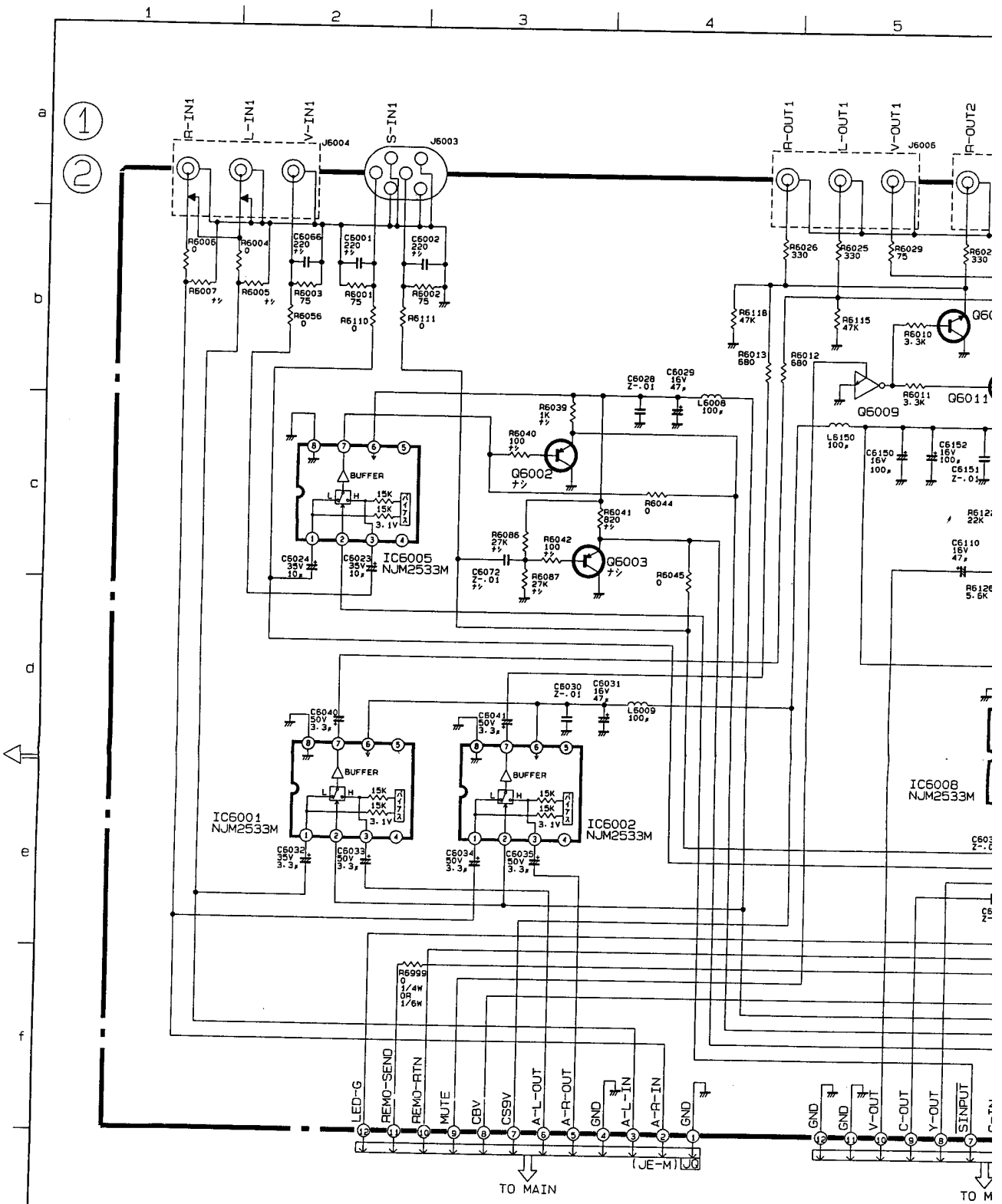
25 26 27 28 29 30 31

983B785

基結

演田(順) 演田(順)

1999-01-14

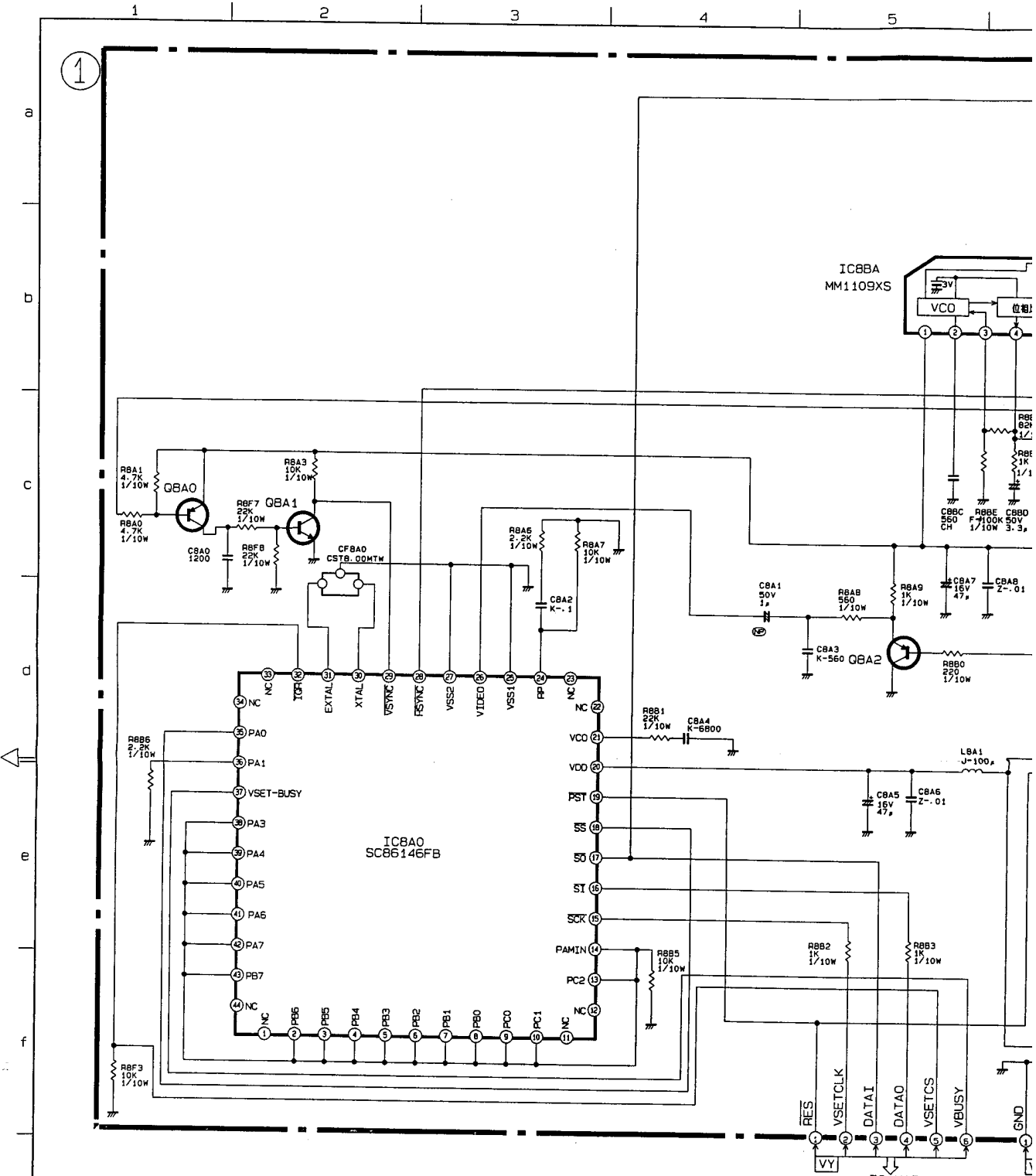


	C6067				
ADDRESS	d-B				
ITEM1	○				HS-U795
ITEM2	×				HS-U775

Note:
 Unless ot
 PNP trans.
 NPN trans.
 All diode:
 PNP digit:
 NPN digit:

HS-U795
 HS-U775 P-TRIAL

改定 CHANGE



Note:
 Unless otherwise specified
 PNP transistors are 2SC2412K-R, S/2SD601AI-R, S
 NPN transistors are 2SA1037AK-R, S
 All diodes are 1SS254

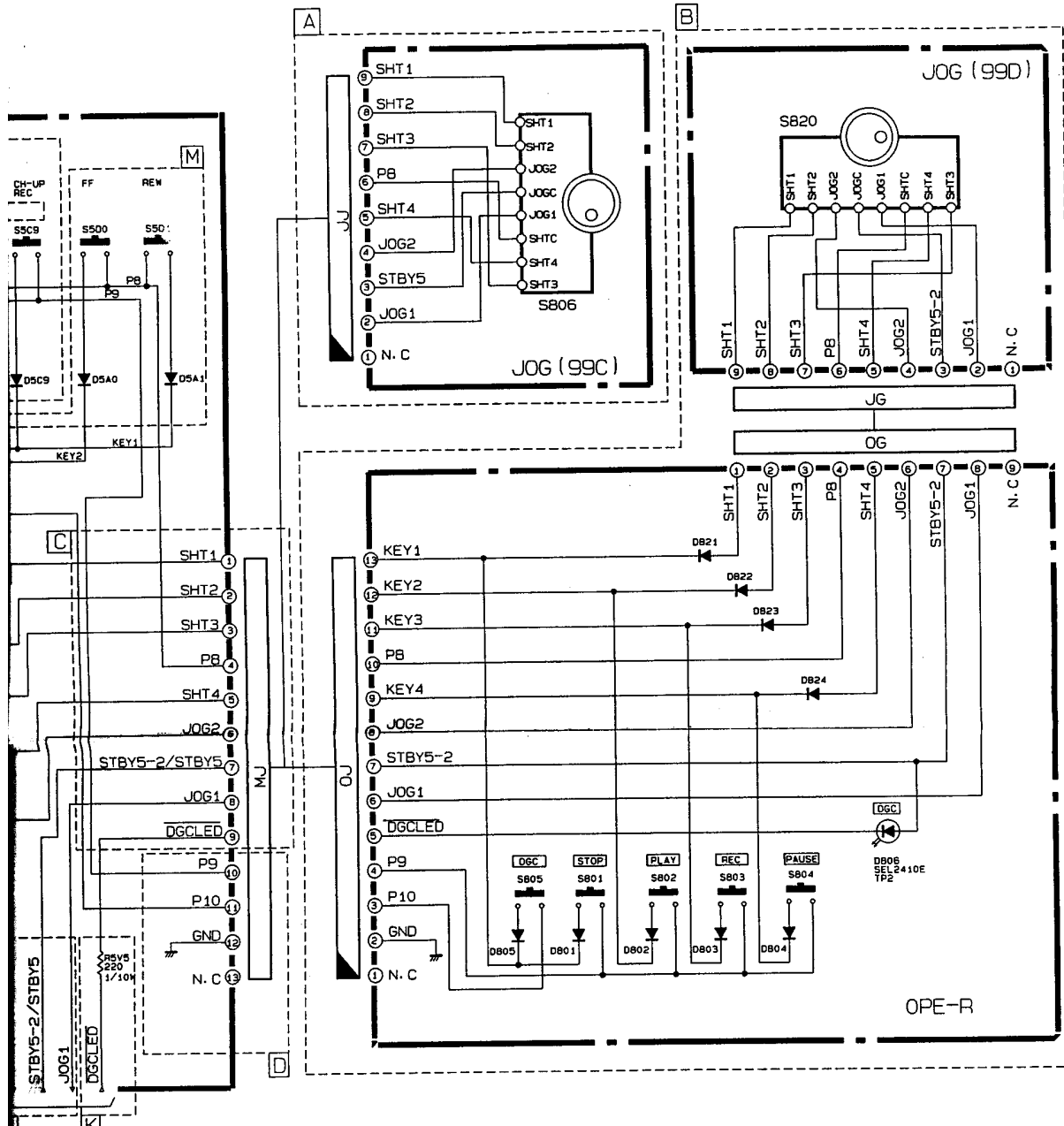
O : EMPLOYED X : NOT EMPLOYED

諸元	RBEA	RBE8	RBE7	RBE6	RBE5	RBE4	RBE3	RBE2	RBE1	RBE0	RBFH	RBJA	RBJB	RBJC	RBJD	RBJE	RBJF	RBJG	RBJH				
ADDR	b-9	b-9	b-9	b-9	a-9	a-9	a-9	a-9	a-9	a-9	a-9	b-9	b-9	b-9	b-9	a-9	a-9	a-9	a-9				
1	O	X	X	X	X	X	X	X	X	X	O	X	O	O	O	O	O	O	O	X			

← HS-U795

改定 CHANGE

HS-U795 P-TRIAL



NOTE: All diodes are 1SS254 unless otherwise specified.

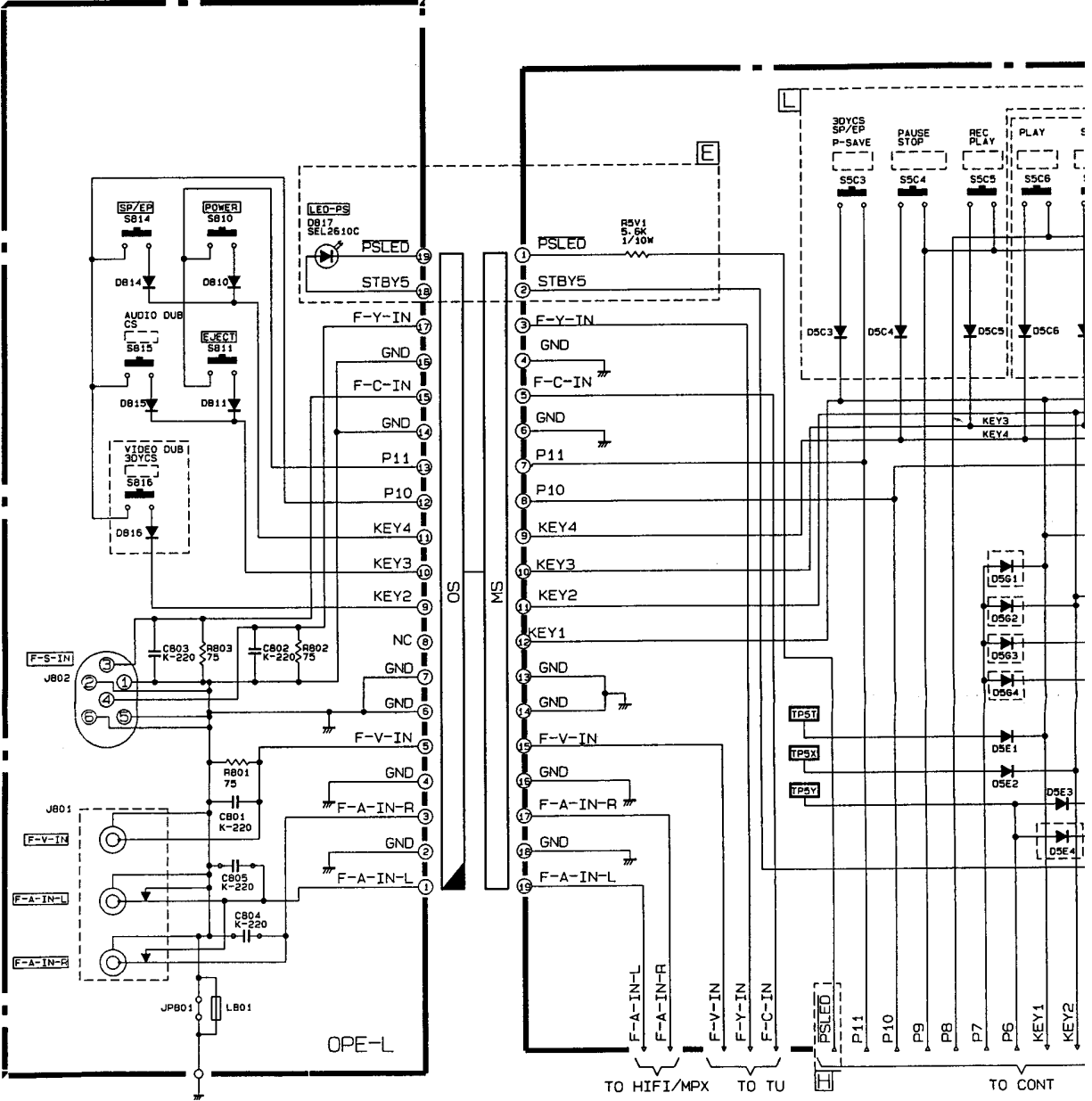
F部	G部	H部	J部	K部	L部	M部
c-4	e-4	f-4	f-6	f-7	c-5	c-7
X	X	X	X	X	X	X
X	X	X	X	X	X	X
X	X	X	X	X	X	X
X	X	X	X	X	X	X

HS-U795	A 5	OPE/KEY	HS-U775	50X
HS-U775	A 4	OPE/KEY	HS-U795	50X
	A 2	OPE/KEY	HV-S660	50X
	A 1	OPE/KEY	HV-BS860	50X

* 出 図 先		DIM 尺 度 SCALE 作 成 日 付 DATE		5 ~ TITLE OF DRAWING															
第 3 角 法 3RD ANGLE PROJECTION		IN mm (NTS) '99.01.13		名 SCHEMATIC-DIAGRAM															
MITSUBISHI ELECTRIC CORPORATION				<table border="1"> <tr> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>29</td> <td>30</td> <td>31</td> </tr> <tr> <td colspan="7" style="text-align: center; font-size: 2em;">983B787</td> </tr> </table>		25	26	27	28	29	30	31	983B787						
25	26	27	28			29	30	31											
983B787																			
作 成 DRAWN	檢 査 CHECKED	設 計 DESIGNED	認 可 APPROVED	REVISION NO. APP. FROM															
基 結 北 村		北 村		REMARK															

1
2
4
5

a
b
c
d
e
f

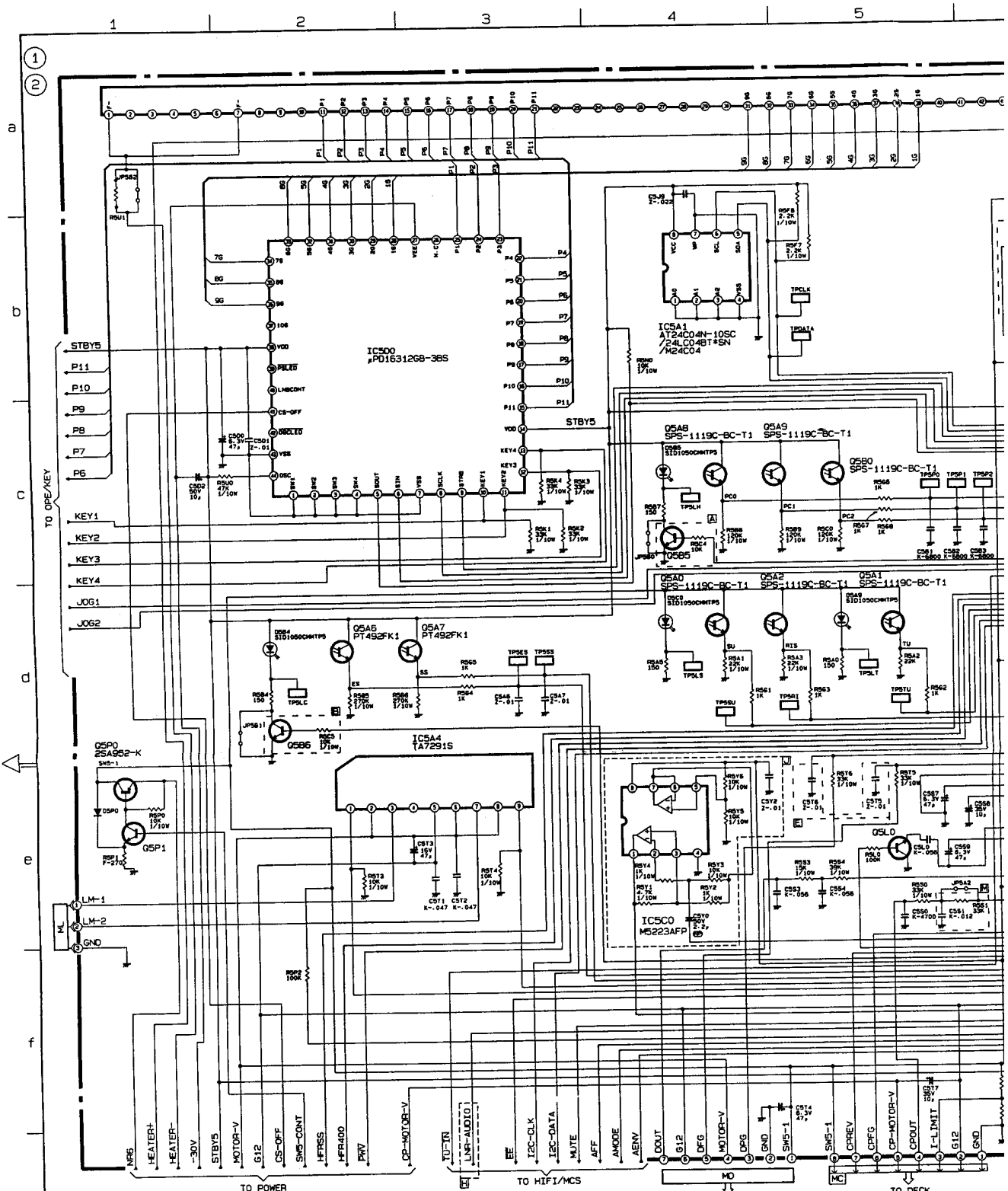


○ : EMPLOYED
× : NOT EMPLOYED

单元	S812	S813	S814	S815	S816	S5C3	S5C4	S5C5	S5C8	S5C9	L801	JP801	DB12	DB13	DB14	DB15	DB16	D5F1	D5F2	D5F3	D5F4	JP5F1	JP5F2	JP5F3	JP5F4	D5G4	A部
ADDR	d-2	d-2	b-1	b-1	b-1	b-5	b-5	b-5	b-6	b-6	f-2	f-2	d-2	d-2	b-1	c-1	d-1	d-6	d-6	d-6	d-6	d-6	d-6	d-6	d-6	e-5	a-8
1	×	×	○	CS	30VCS	P-SAVE	PAUSE	PLAY	PAUSE	REC	×	○	×	×	○	○	○	○	○	○	○	×	×	×	×	○	○
2	×	×	○	CS	×	P-SAVE	STOP	REC	CH-DN	CH-UP	×	○	×	×	○	○	×	×	×	×	×	×	×	×	×	×	
4	×	×	○	AUDIO DUB	VIDEO DUB	30VCS	PAUSE	PLAY	PAUSE	REC	○	×	×	×	○	○	○	○	○	○	○	×	×	×	×	○	○
5	×	×	×	×	×	SP/EP	STOP	REC	CH-DN	CH-UP	○	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	

改定 CHANGE

HS-U775
HS-U795 P-TRIAL



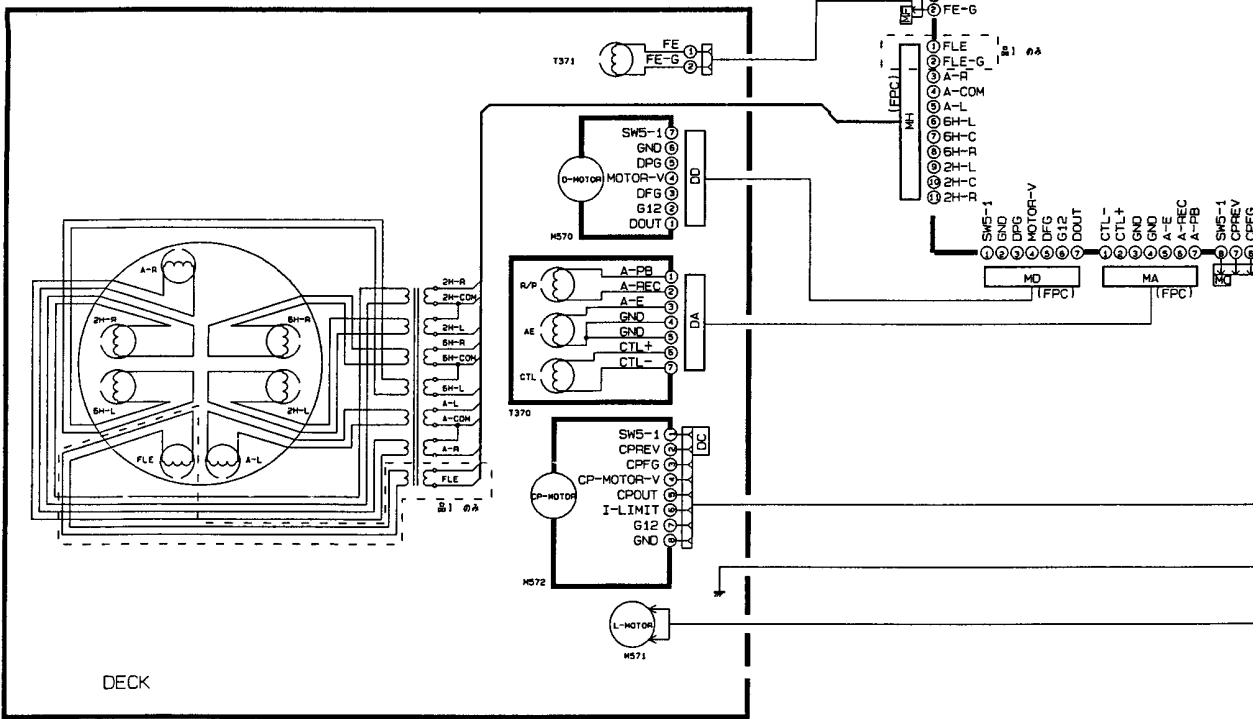
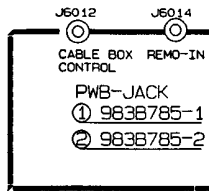
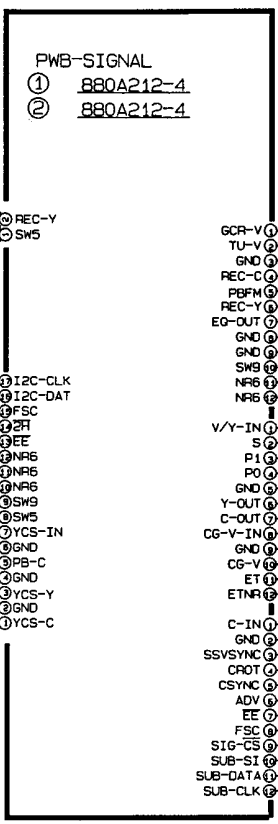
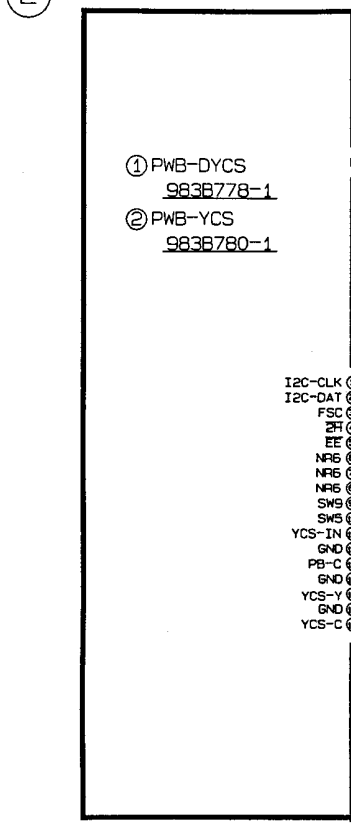
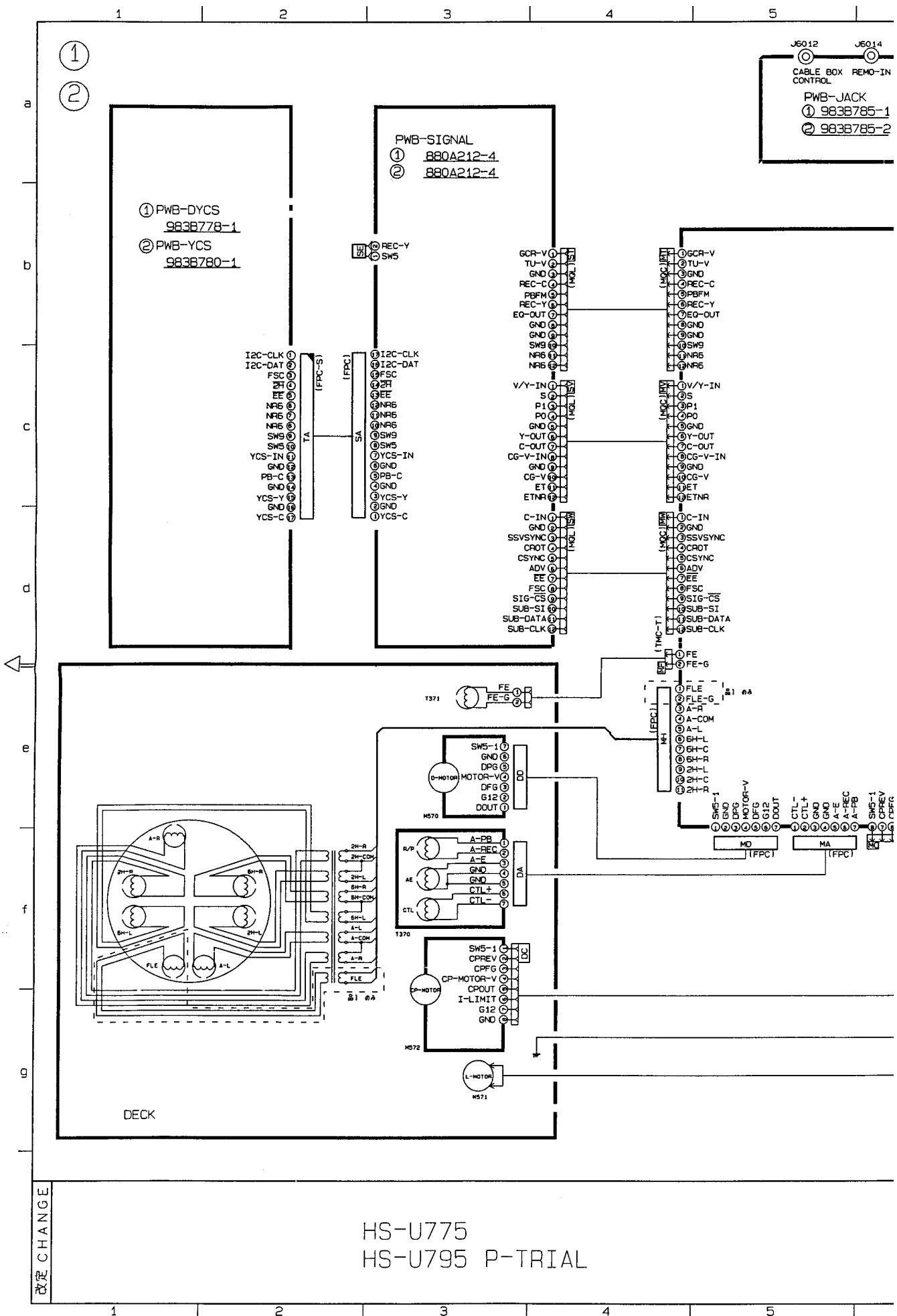
○ employed X not employed

	A	B	C	E	F	H	J	K	L	N	LP580	LP581	LP582	LP5A2	RSU1	LP5A1	LP1	JP2	CSY1	
7FLX	c-4	d-2	d-6	e-3	c-11	g-3	e-4	g-5	g-8	e-5	c-4	d-2	a-1	e-5	a-1	b-6	d-7	f-11	d-6	
1	○	○	×	○	×	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	○	○	×	×	×	×	×	×	×	○	○	○	×	×	○	○	○	○	×	×

← HS-U795
← HS-U775

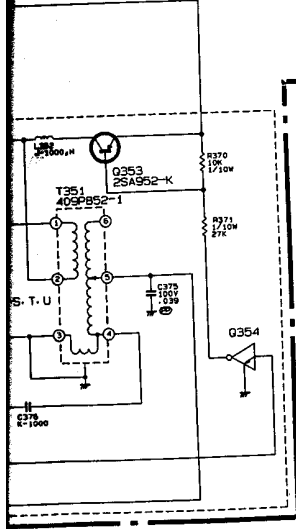
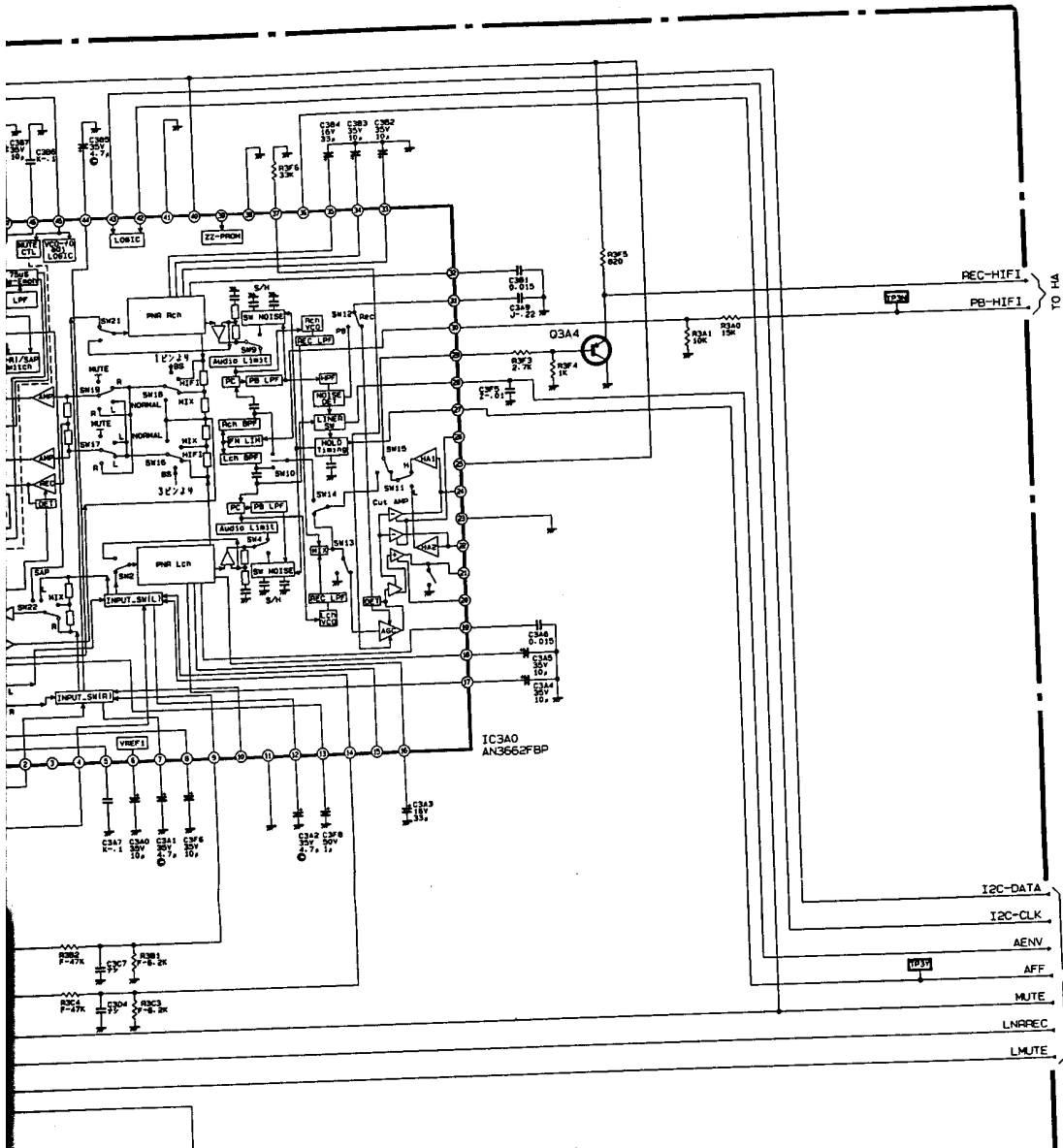
改定 CHANGE

HS-U775
HS-U795 P-TRIAL



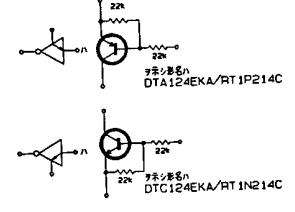
HS-U775
HS-U795 P-TRIAL

CHANGE



	A	B	LP303		
ITEM1	0	0	X	HS-U795	
ITEM2	X	X	0	HS-U775	

電圧トランス 1SS254 12k
 電圧トランス 25C2410K-R-S/250601AT-R-S 12k
 電圧トランス 25A1037A-K 12k
 電圧トランス 1/10W 12k

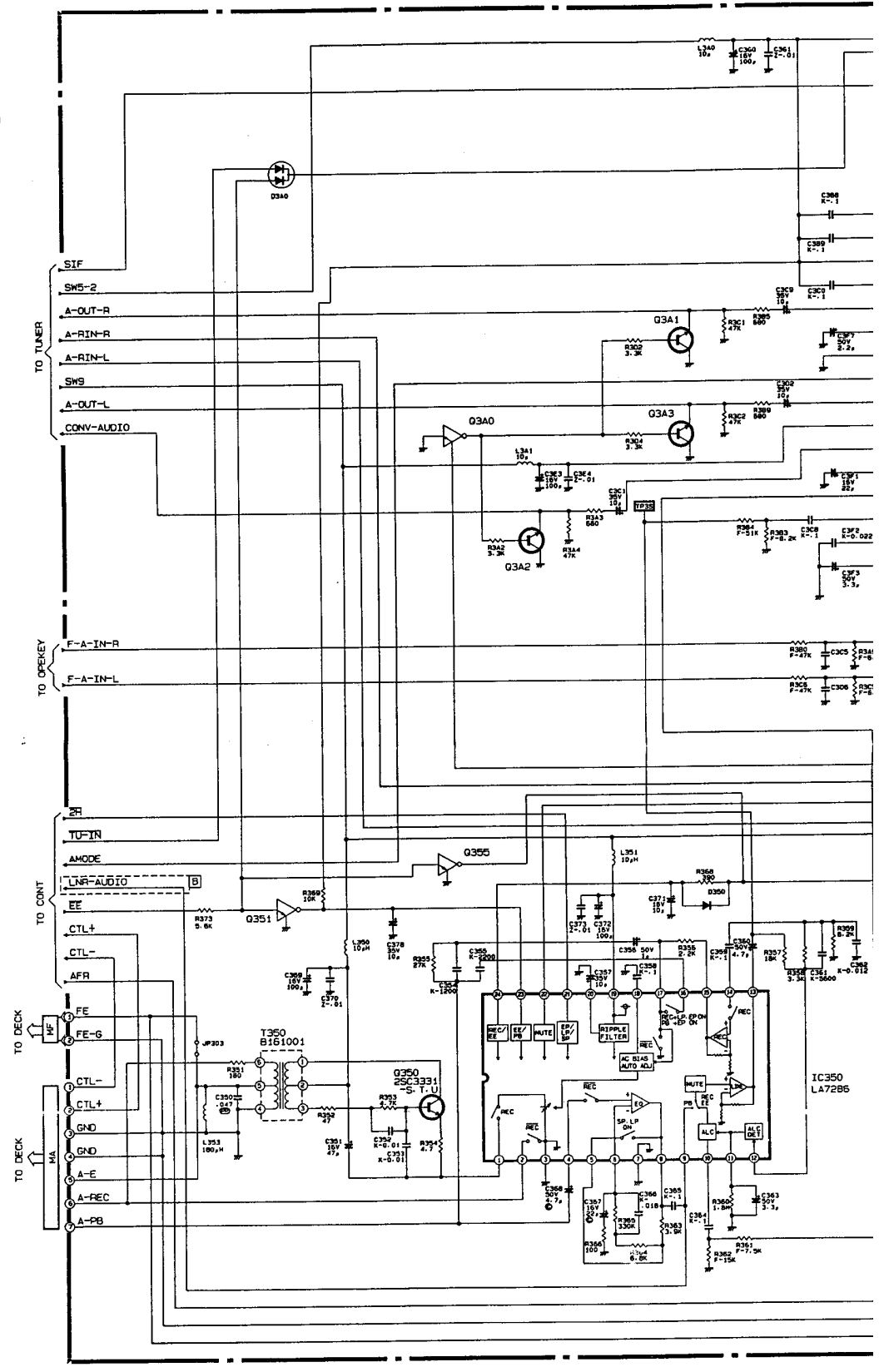


REV	DATE	DESCRIPTION	BY	CHK	APP	REVISION NO.	UNIT CODE	REVISION NO.	APP.	FROM	REMARK
A 2		HIFI/MCS				50X					
A 1		HIFI/MCS				50X					

規格 MATERIAL AND DIMENSIONS (MI) MARK 5 ~ TITLE OF DRAWING ~ 24
 第3角法 3RD ANGLE PROJECTION DIM IN mm X (NTS) . . .
MITSUBISHI ELECTRIC CORPORATION
 作図 DRAWN 伊東 検査 CHECKED 伊東 設計 DESIGNED 伊東 承認 APPROVED
 名 SCHEMATIC-DIAGRAM
 25 26 27 28 29 30 31
983B784

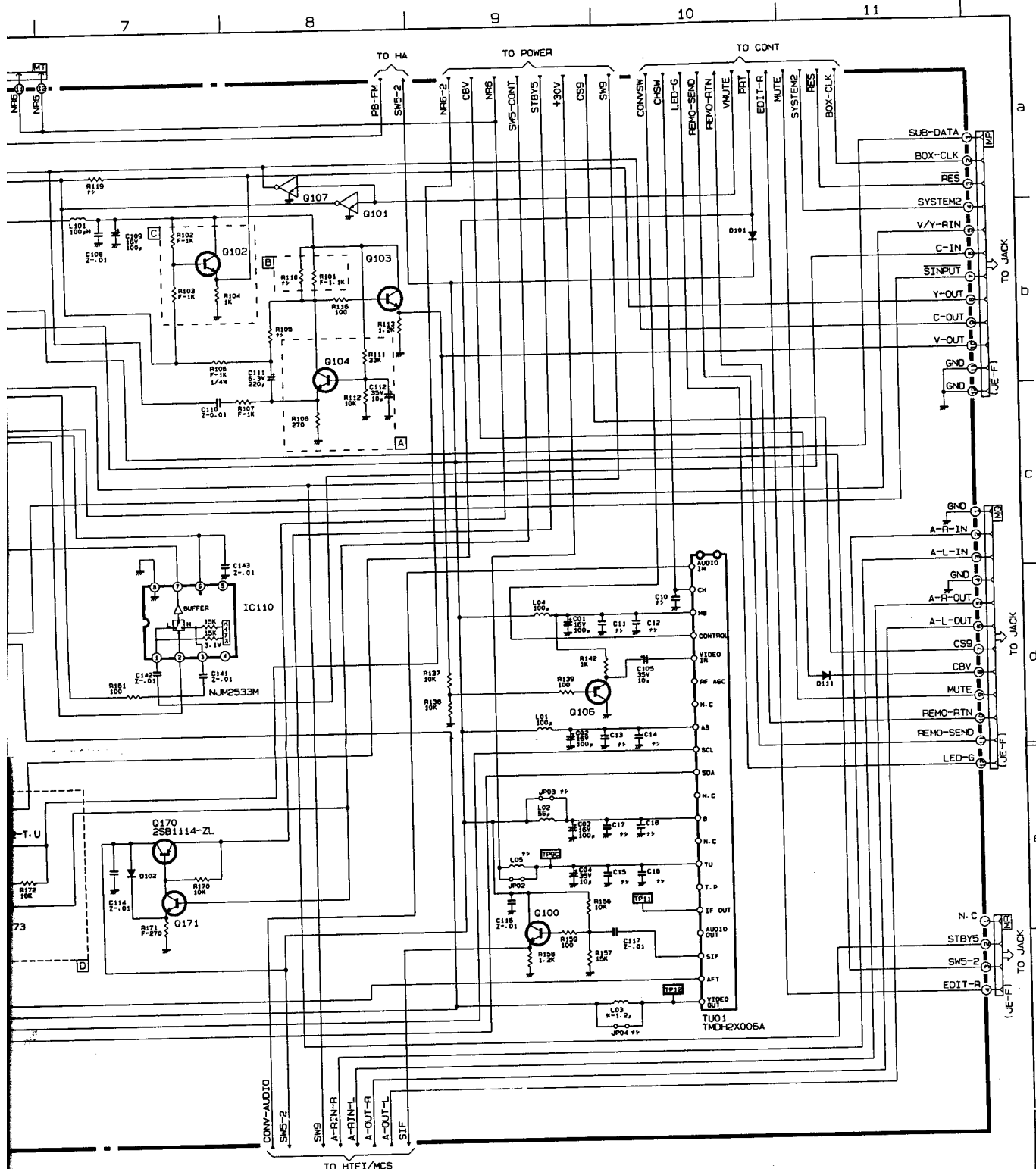
a
b
c
d
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f
g

①
②

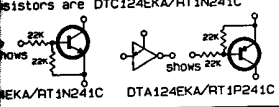


改定 CHANGE

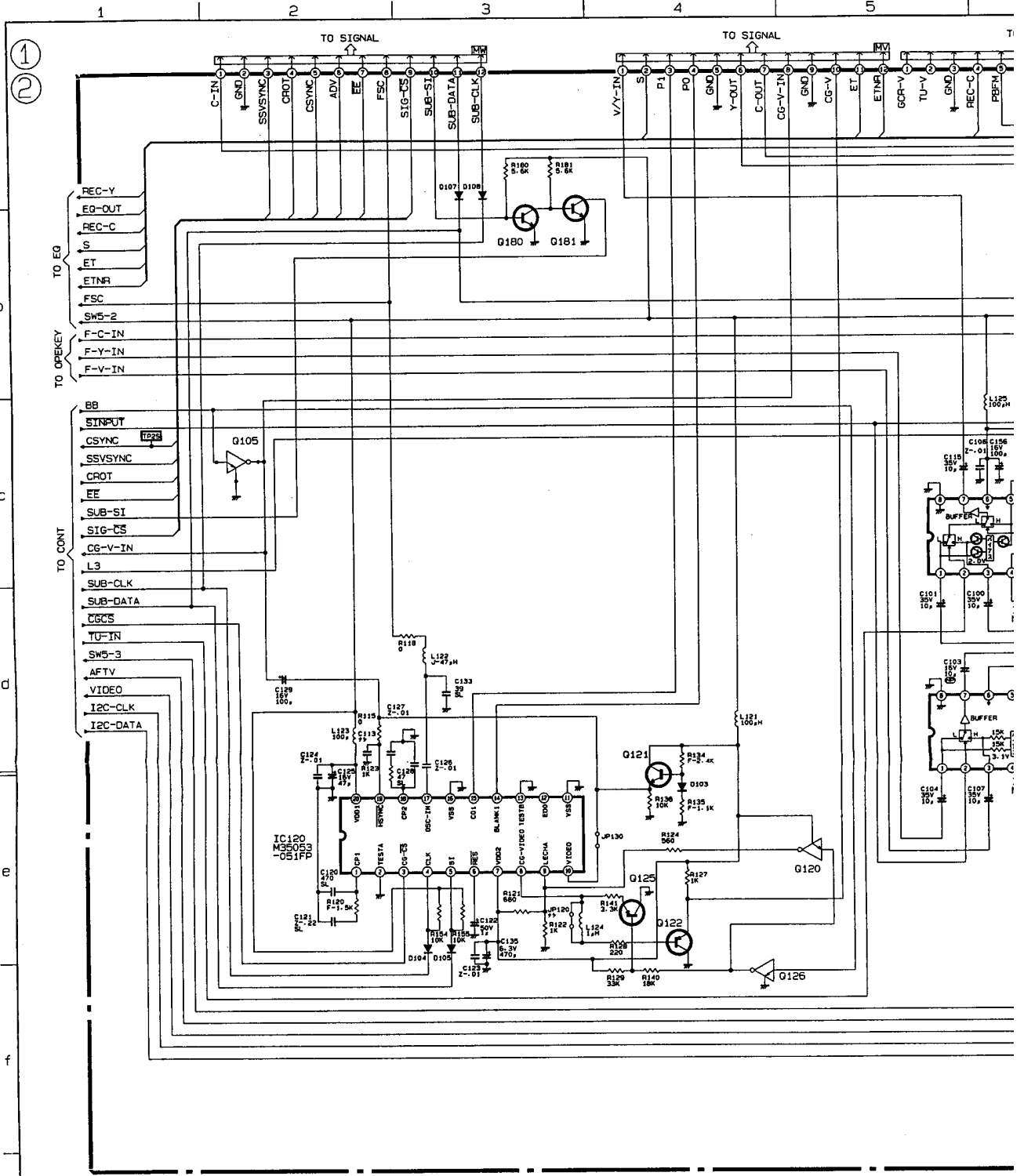
HS-U775
HS-U795 P-TRIAL



specified
 are 2SA1037AK
 are 2SC2412K-R, S/2SD601AI-R, S
 DAN202K/M1MA151HK11
 resistors are DTA124EKA/RT1P241C
 resistors are DTC124EKA/RT1N241C



T881CB72		TU		HS-U775		50X			
TU		TU		HS-U795		50X			
改訂 CHANGE MARK	三番番 REV	品番 ITEM	規格	MATERIAL AND DIMENSIONS			(MI) MARK	50 UNIT CODE	備考 REMARK
* 出図先 第3角法 3RD ANGLE PROJECTION				DIM 尺度 SCALE IN mm		作成日付 DATE 1999*01*14		5 ~ TITLE OF DRAWING SCHEMATIC-DIAGRAM	
MITSUBISHI ELECTRIC CORPORATION				作 成 DRAWN		検 査 CHECKED		設 計 DESIGNED	
基 結				演田 (順)		演田 (順)		検 査 APPROVED	
								25 26 27 28 29 30 31	
								983B783	

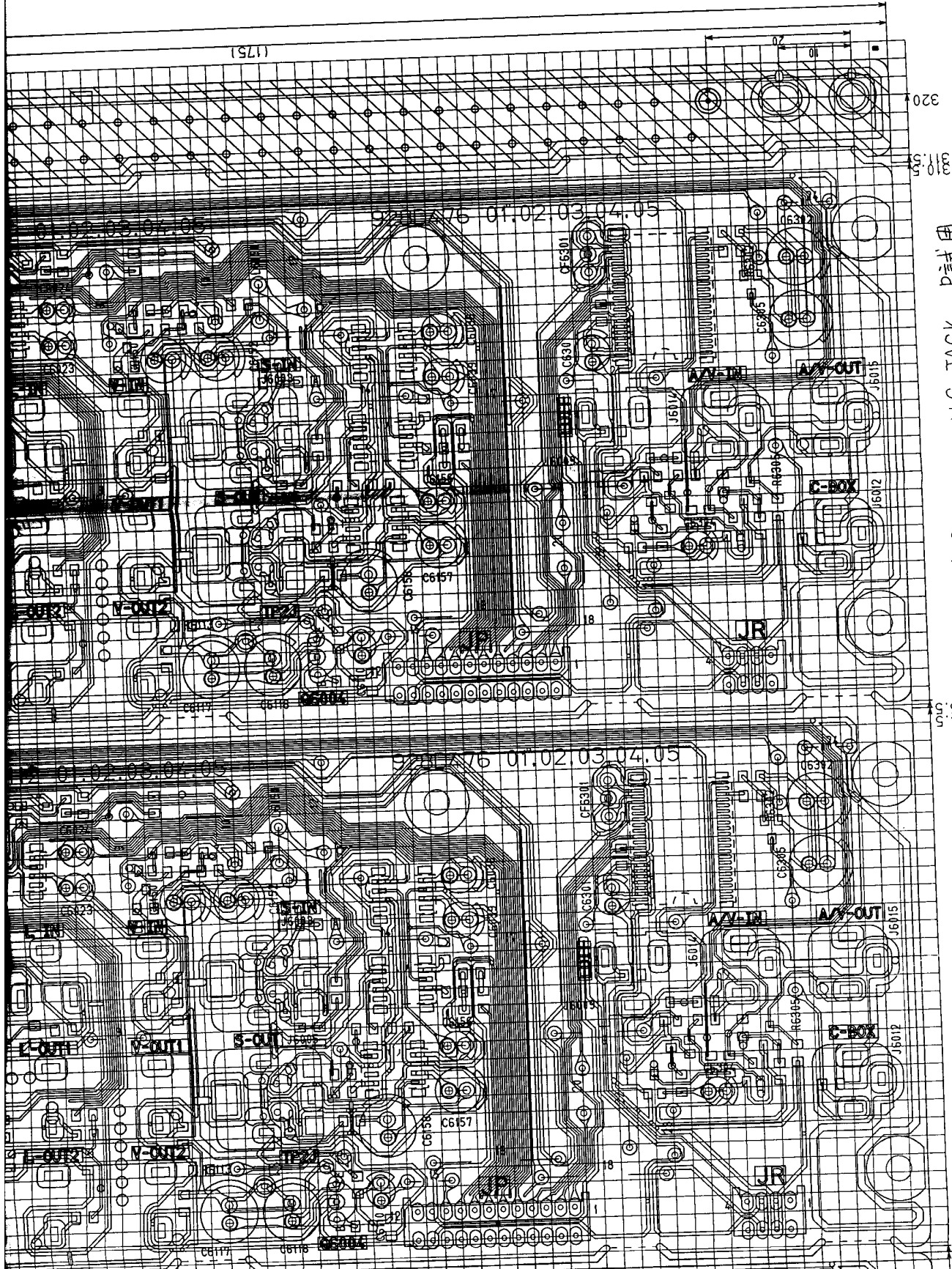


	A	B	C	D	R108	R119	Q105
B.1	○	○	○	○	○	○	○
B.2	○	○	○	○	○	○	○

HS-U795
HS-U775

HS-U795
HS-U775 P-TRIAL

改定 CHANGE

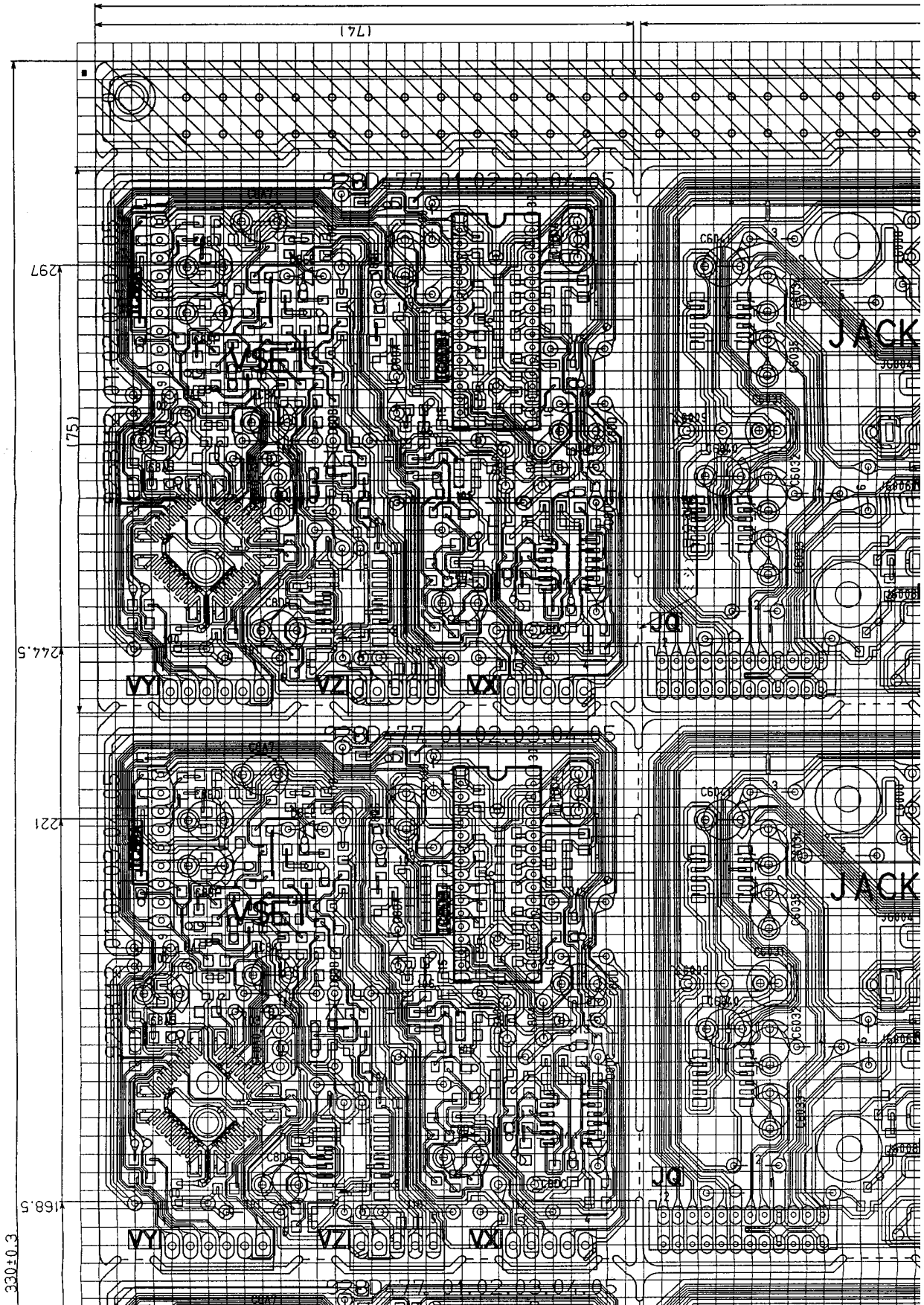


U795
US-JACK P試用
915B998A11

U795

237.5
235.5

175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
95
90
85
80
75
70
65
60
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25
20
15
10
5
0



330-0.3

168.5

221

276.5

297

171

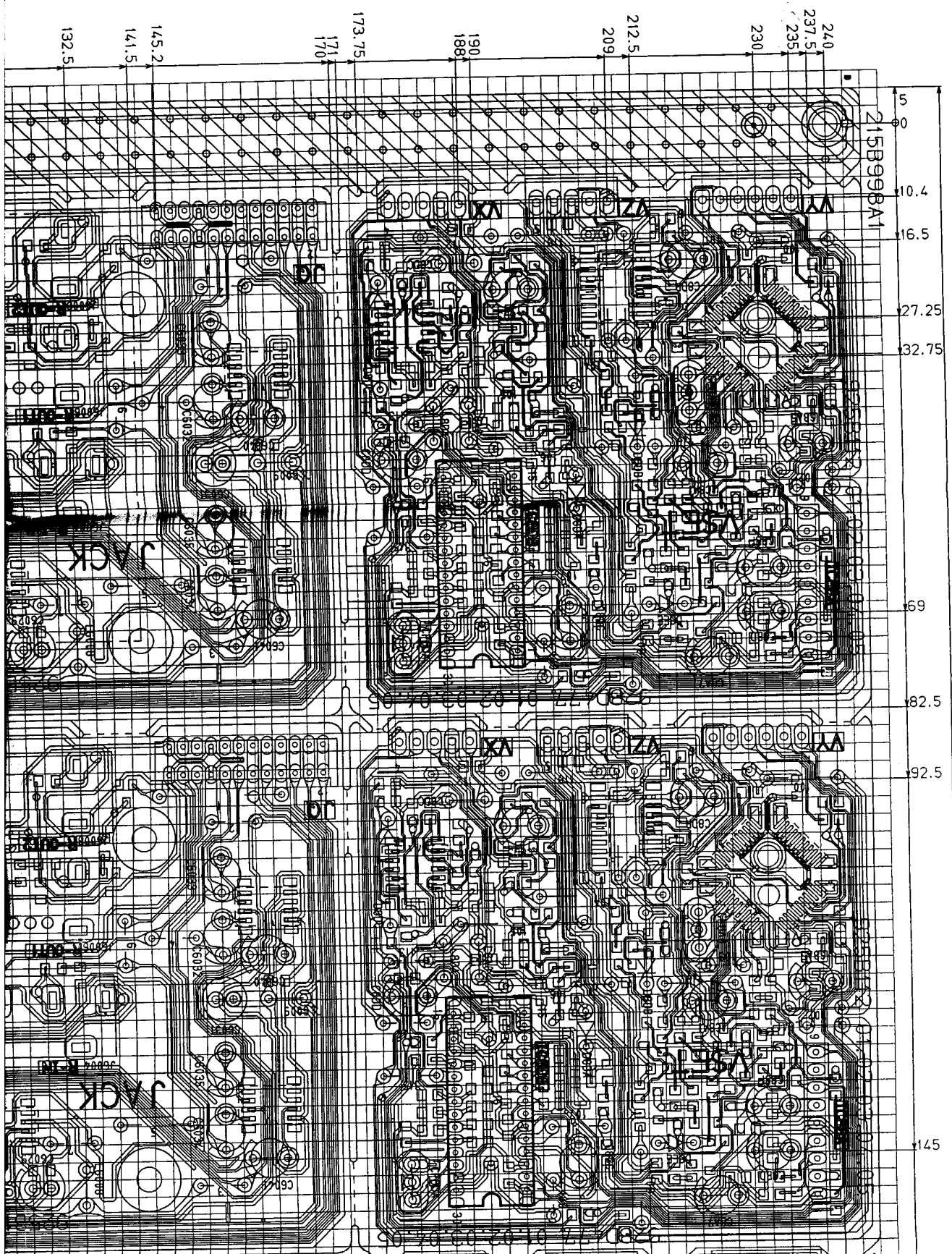
JACK

JACK

VY VZ VX

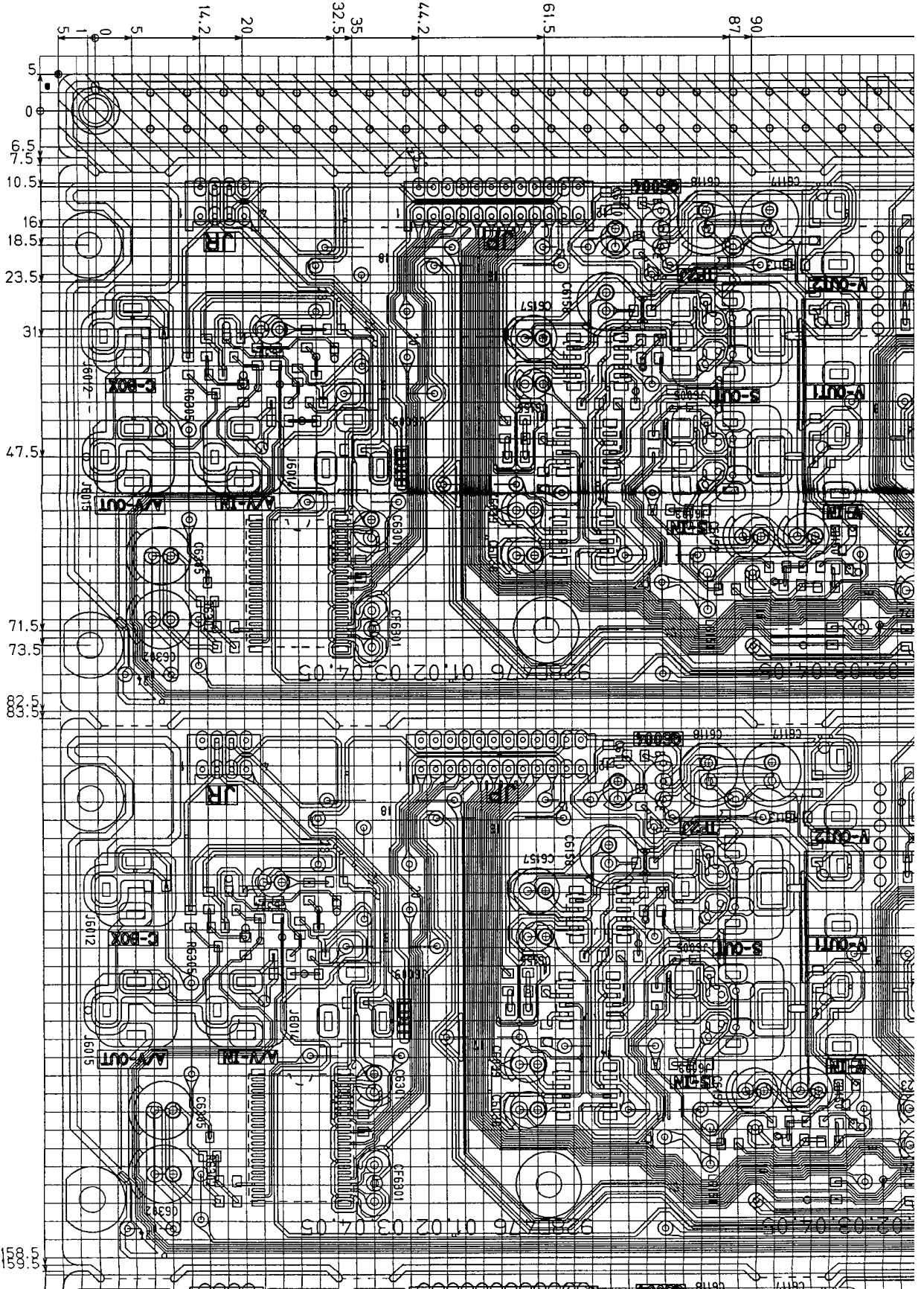
VY VZ VX

JACK

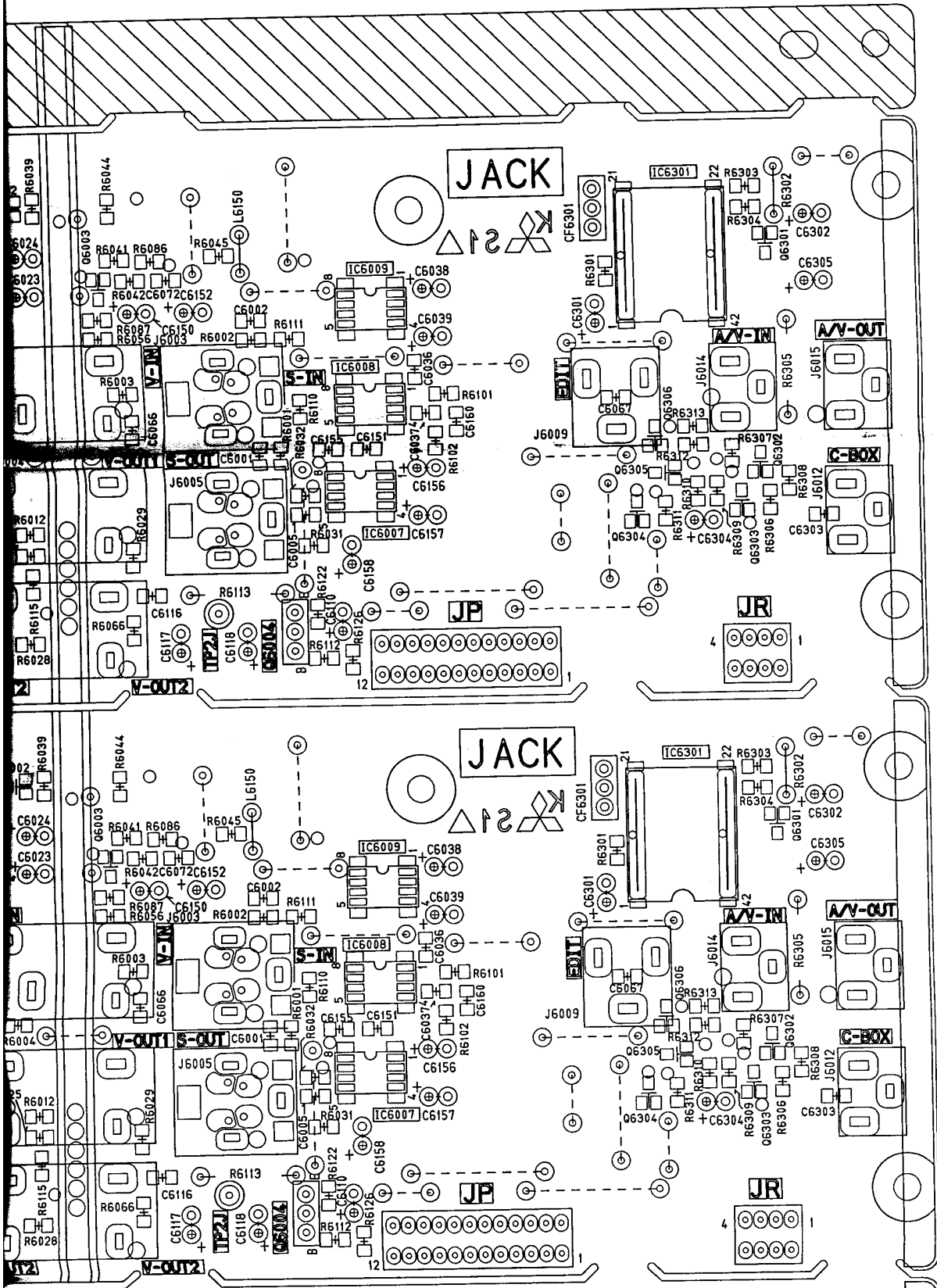


330:0.3

HS-U795
HS-U775
PWB-JACK/NAV
P-TRIAL



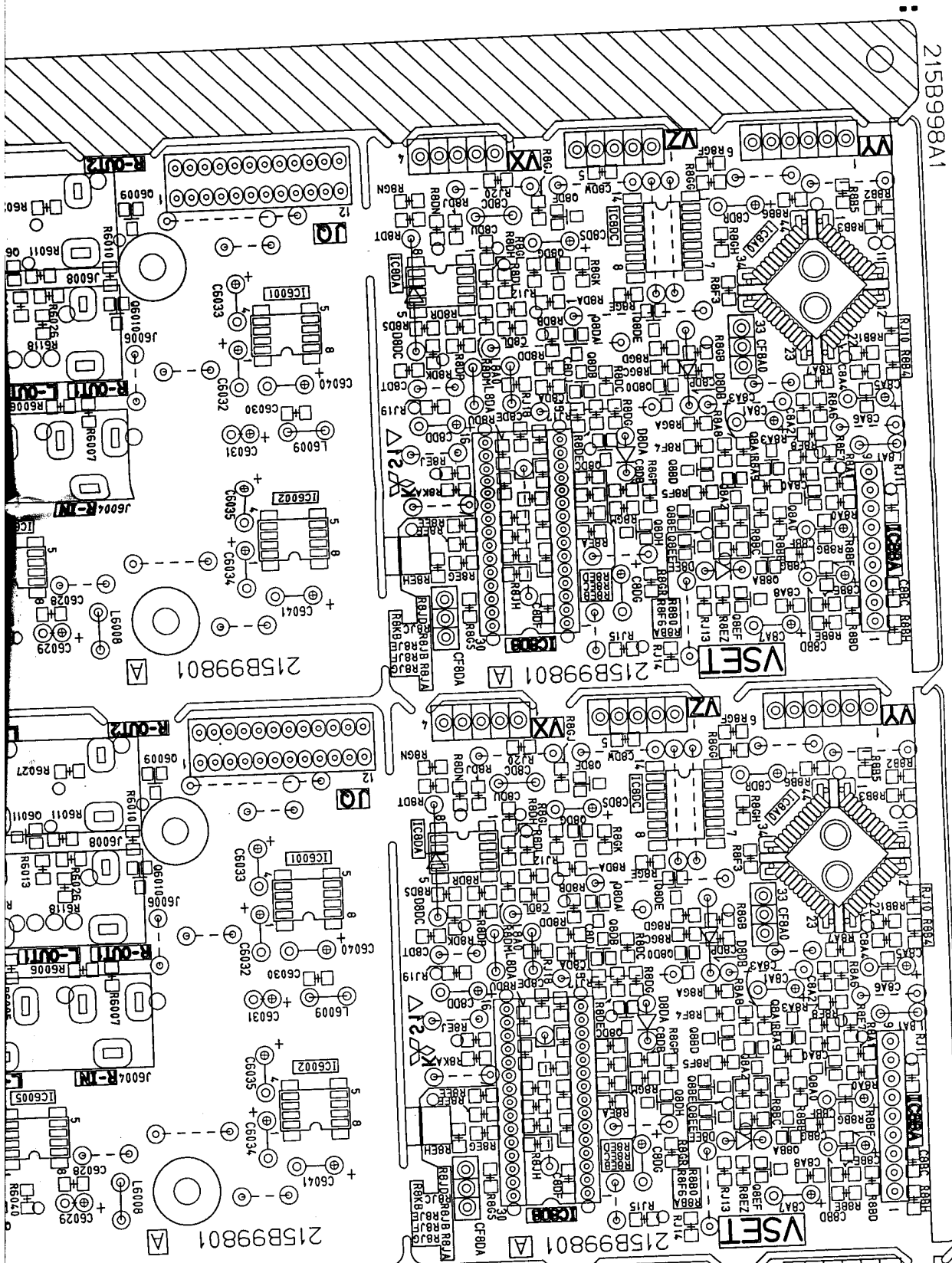
3-831



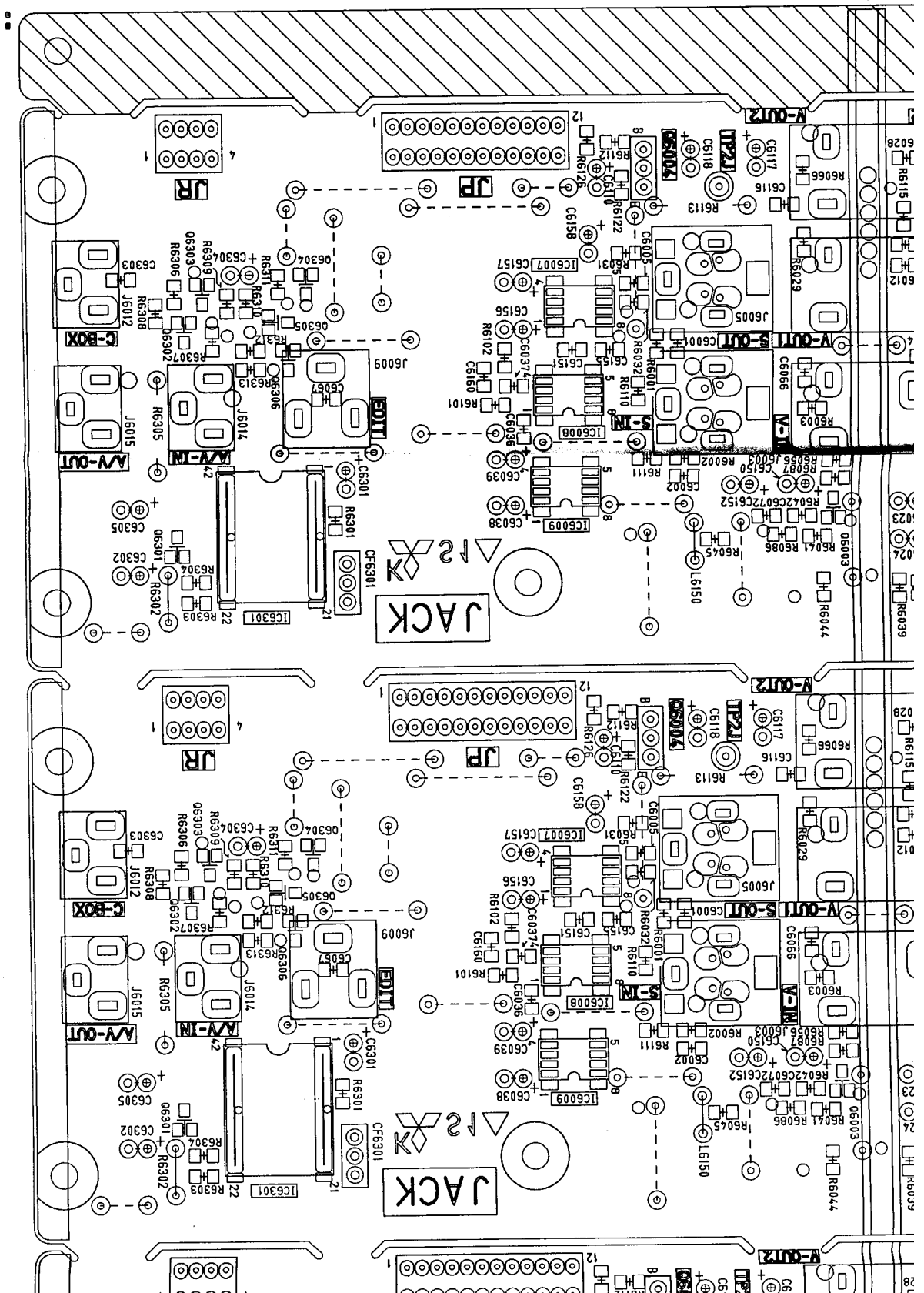
U795 US-JACK P試用

215B998A1

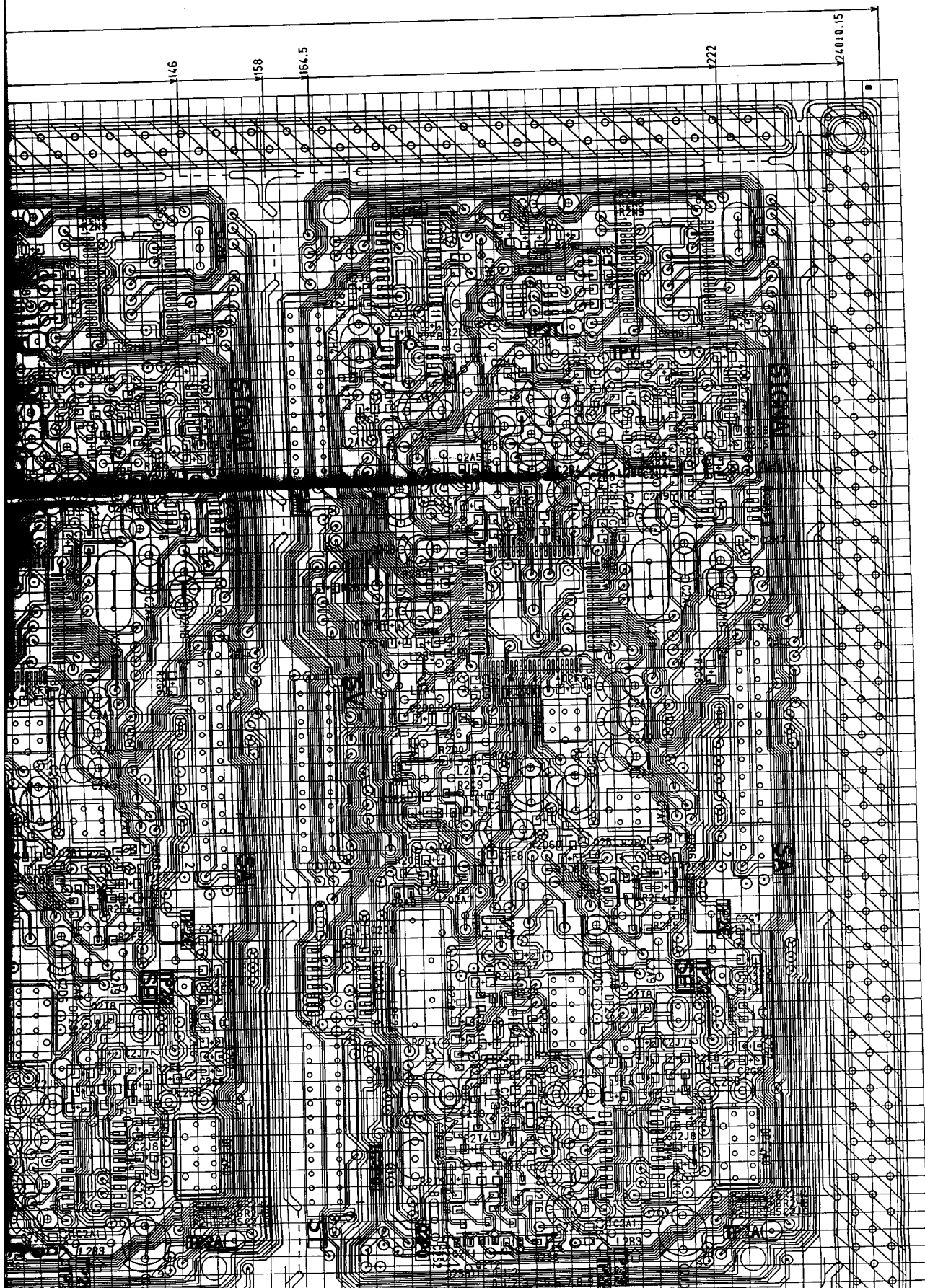
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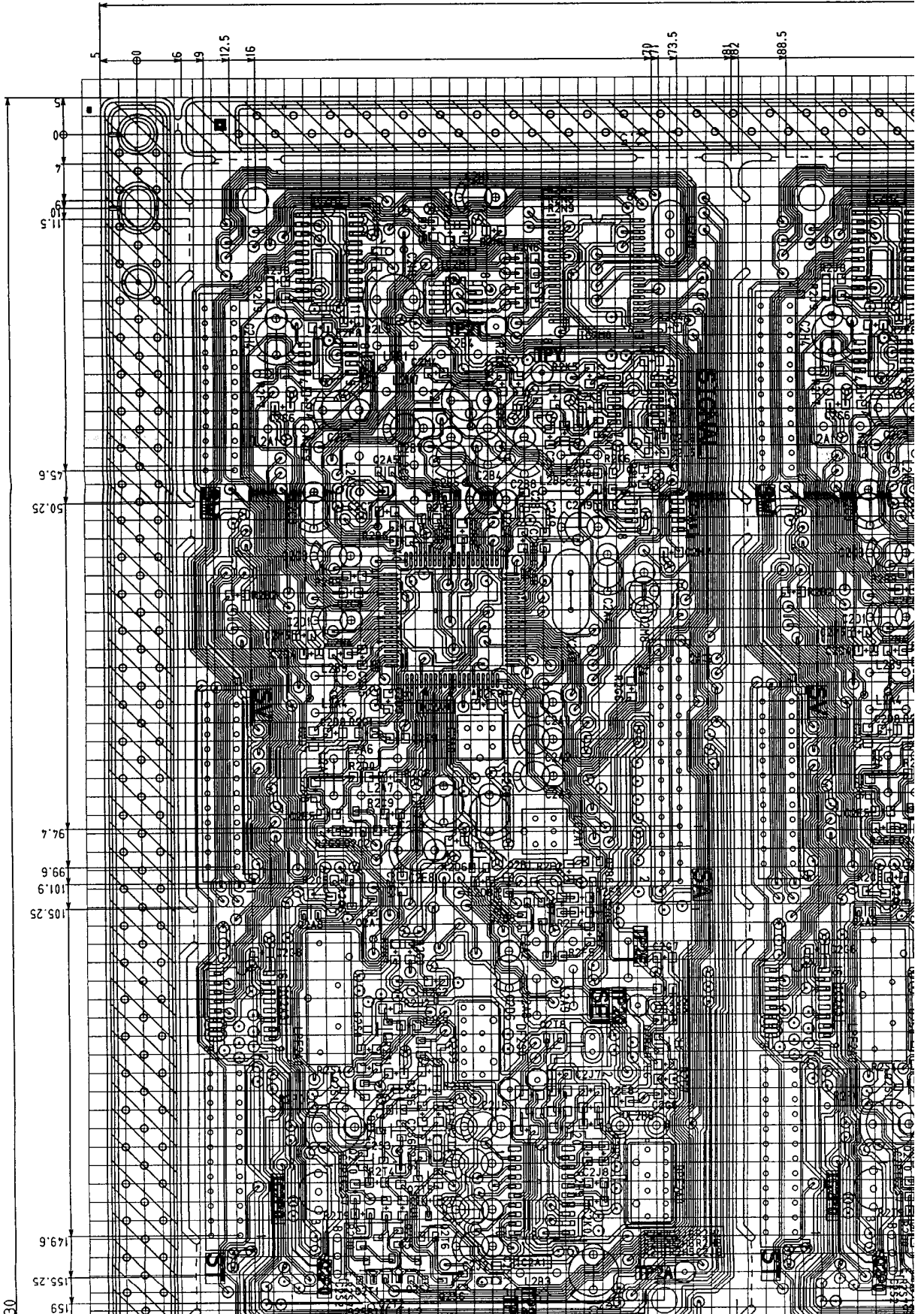


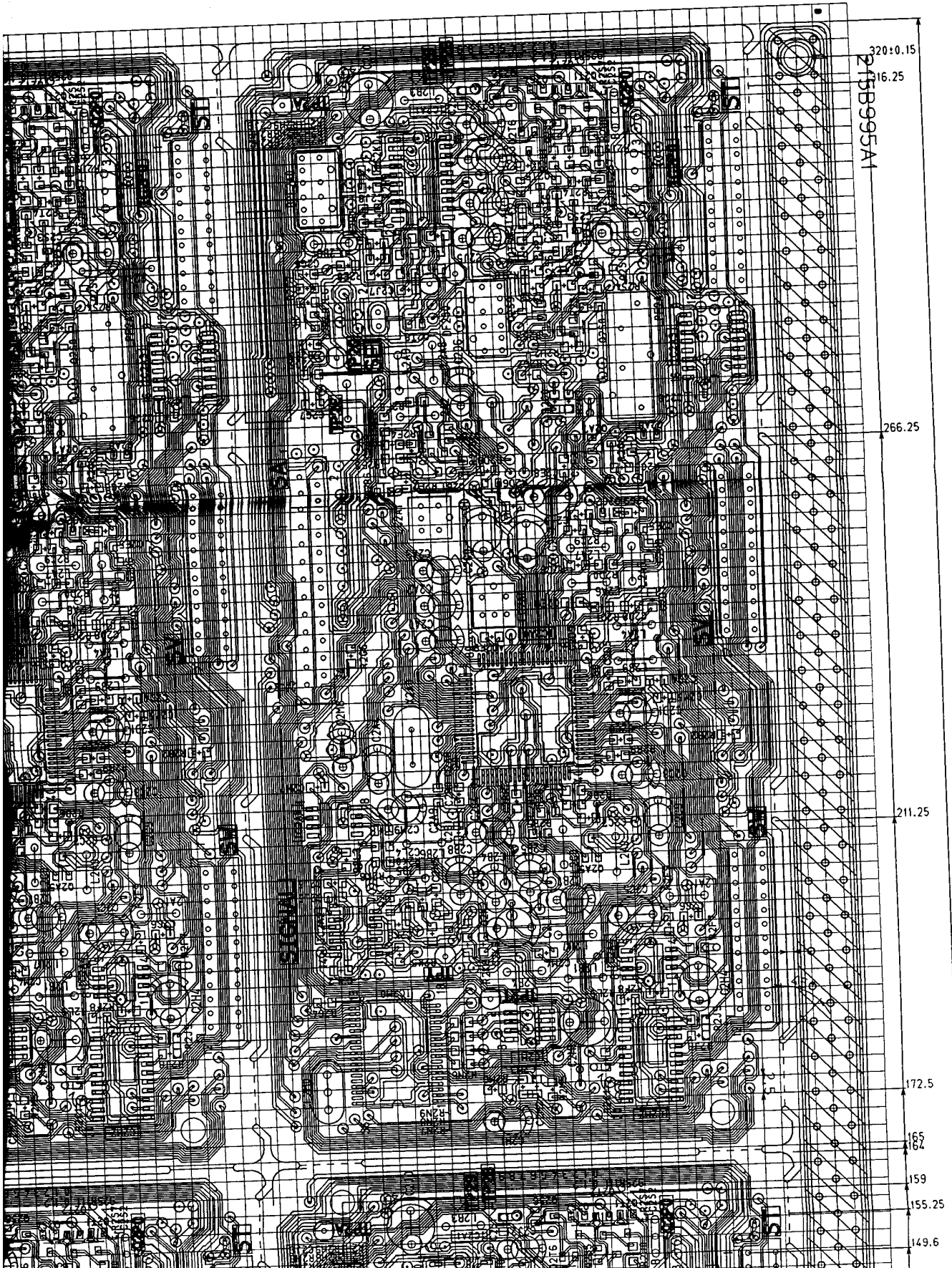
HS-U795
HS-U775
PWB-JACK/NAV
P-TRIAL



Pub-SJG
BS860
P. 量控







320.15
16.25
P15B995A1

266.25

211.25

172.5

165

162

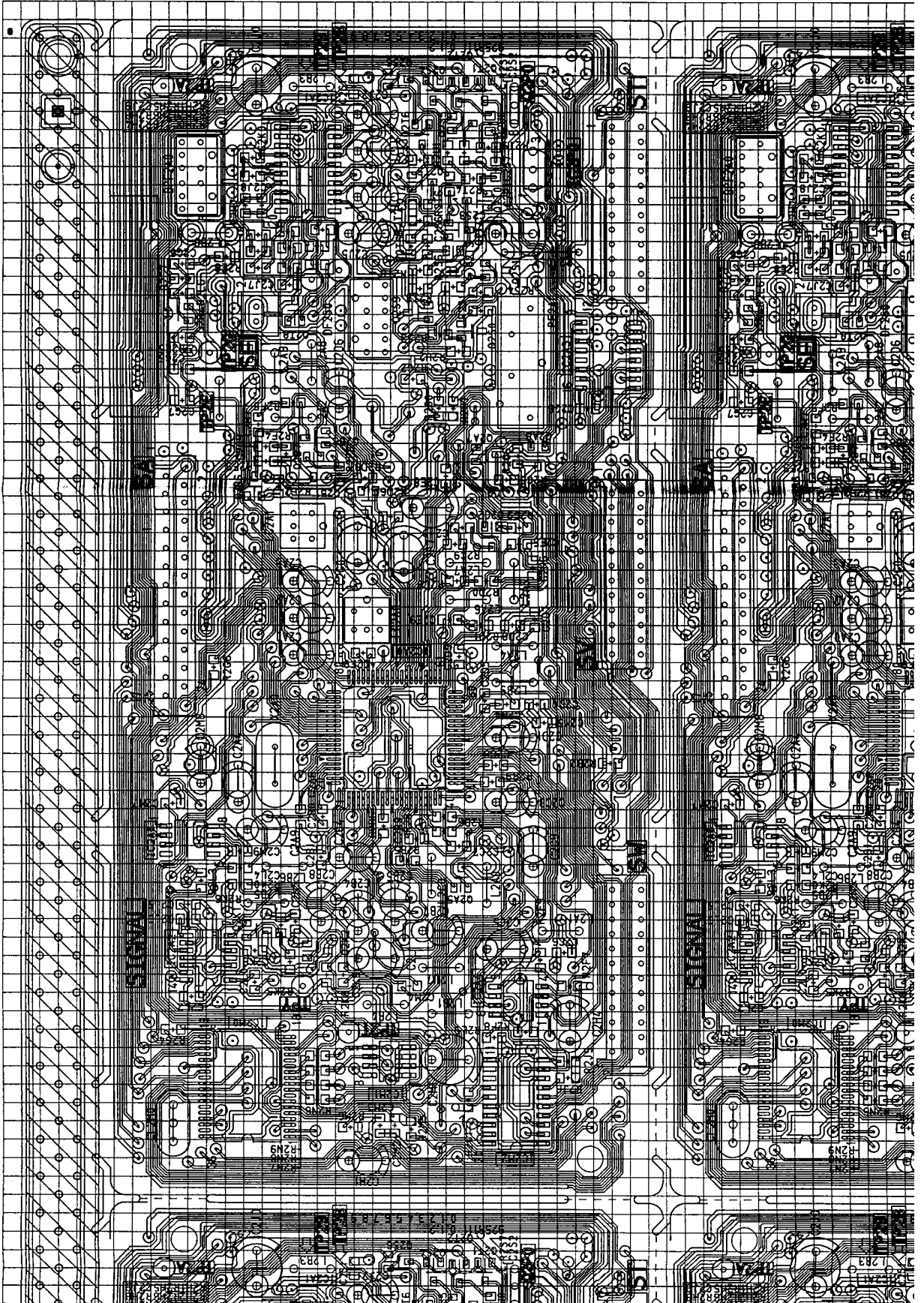
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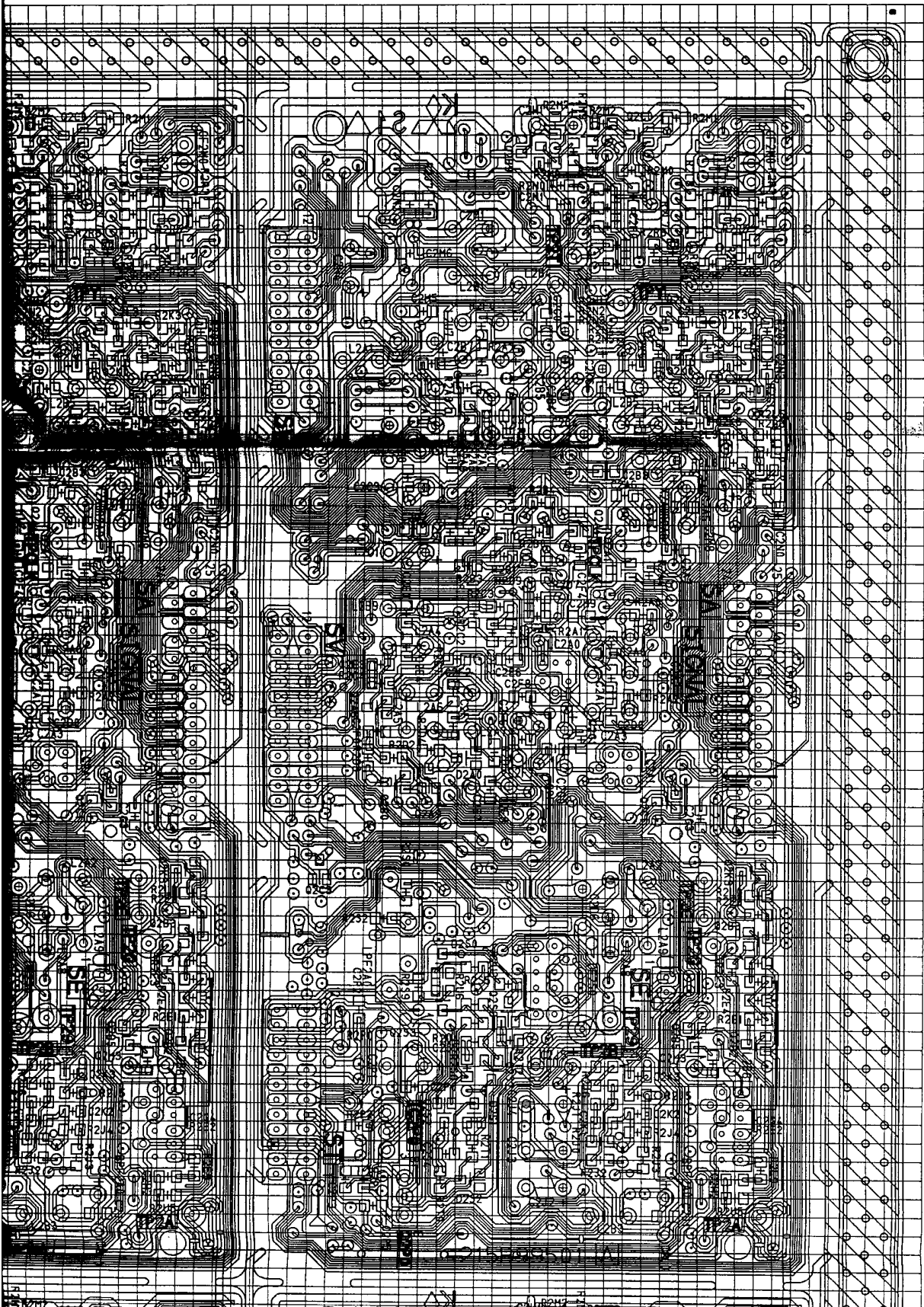
155.25

149.6

330

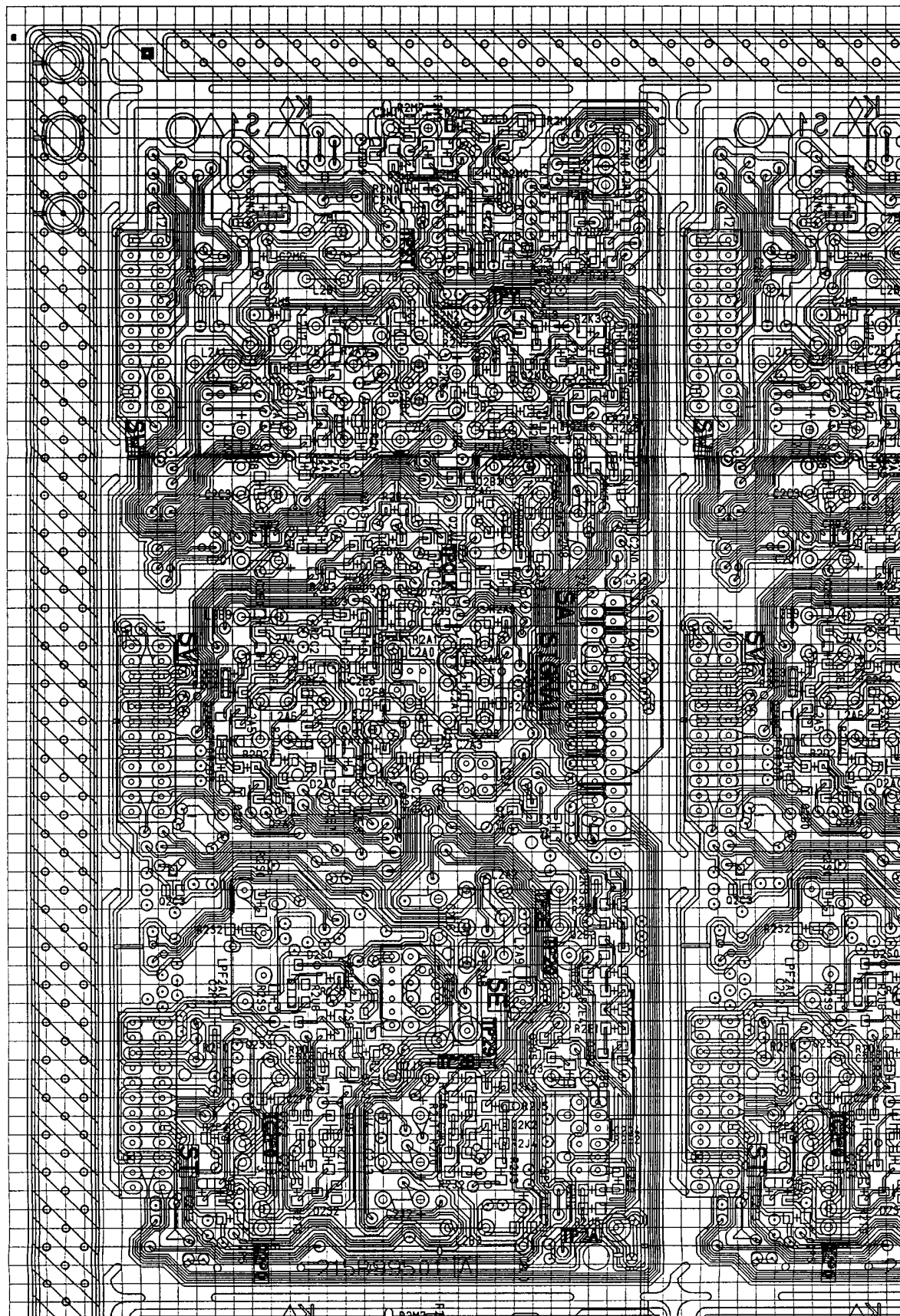
HS - U775
HS - U795
PWB - SIGNAL
P - TRIAL



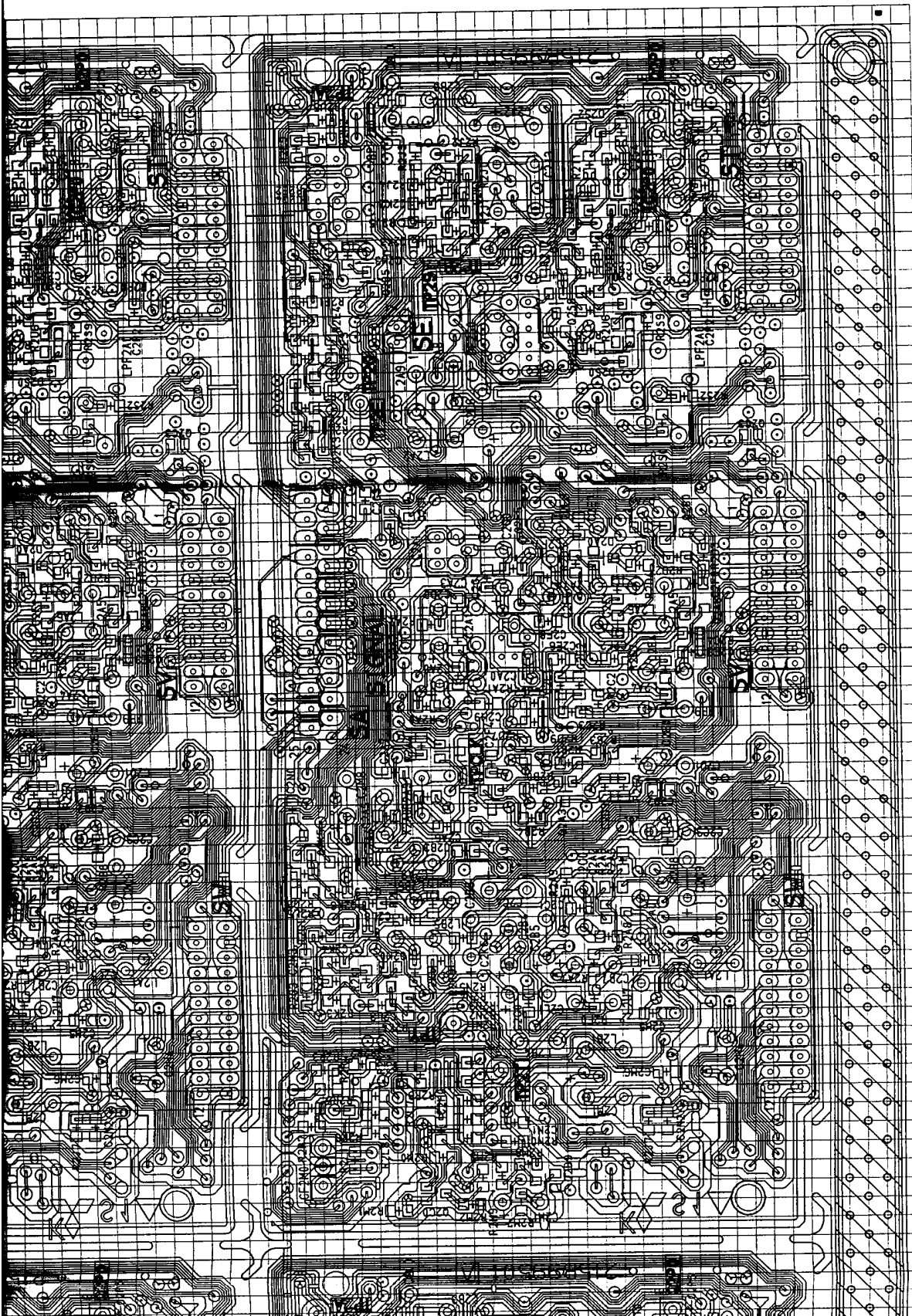


横山
38.11.30

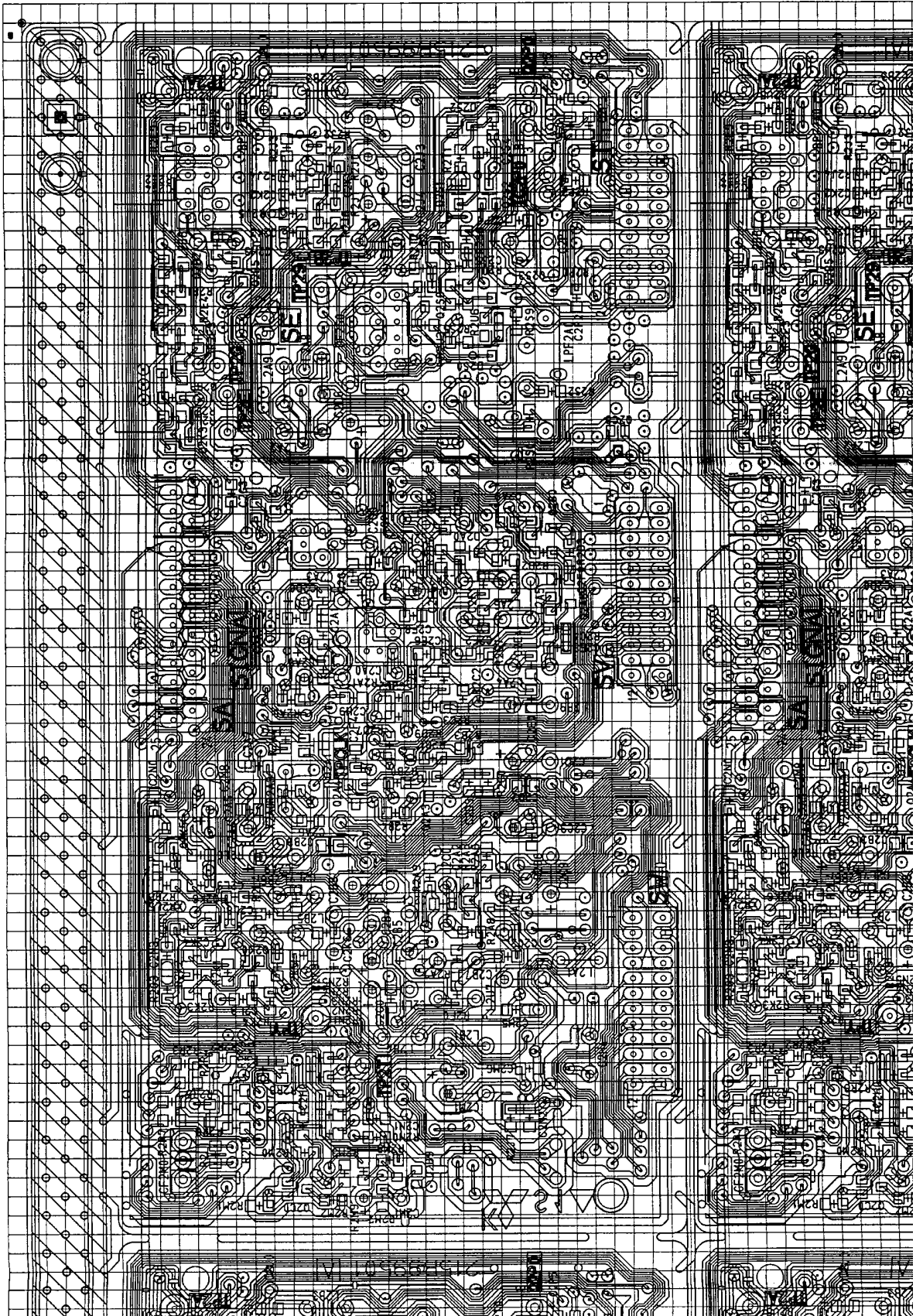
PU/B-SJ9
B8860
P.最終



215B995A1

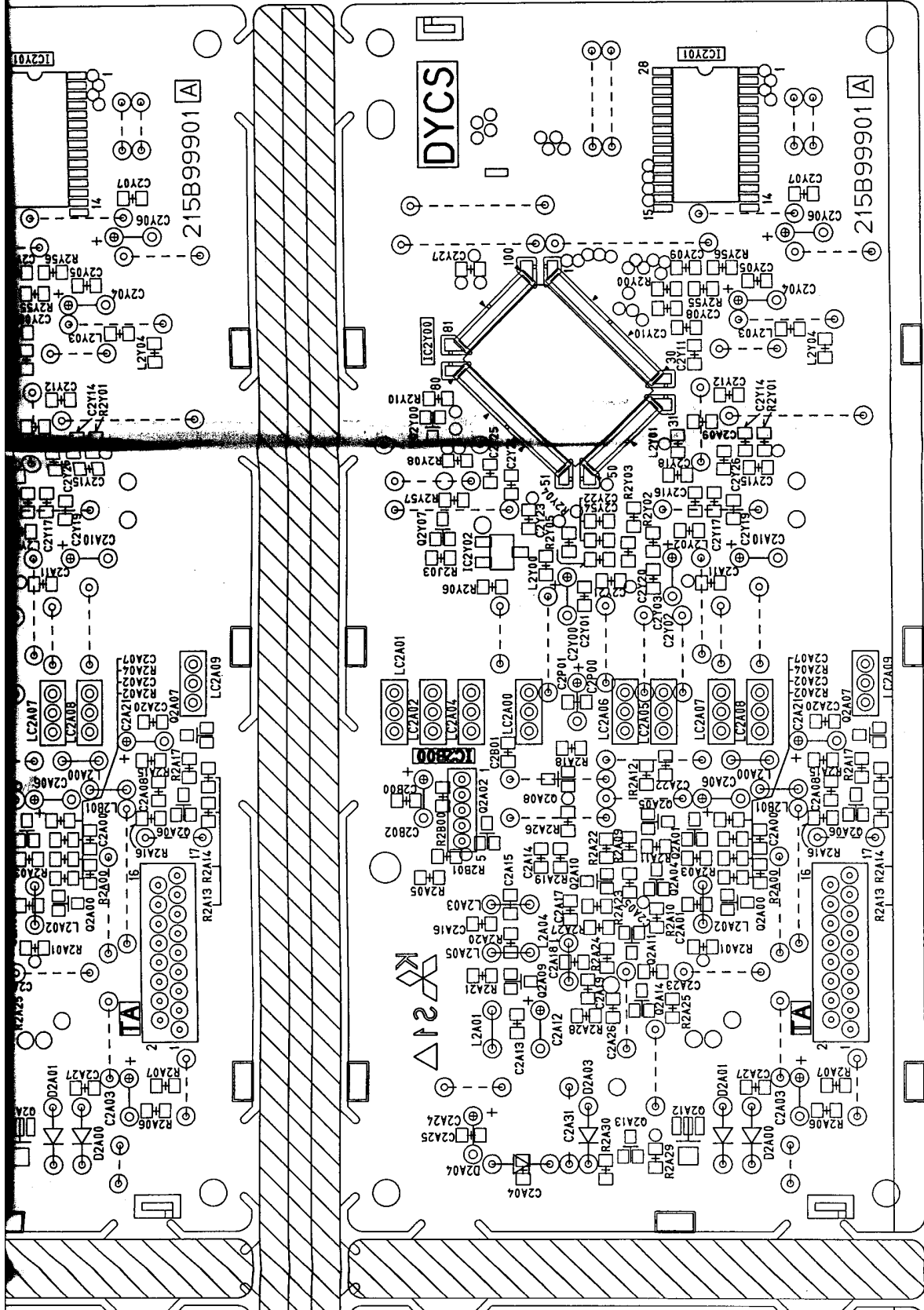


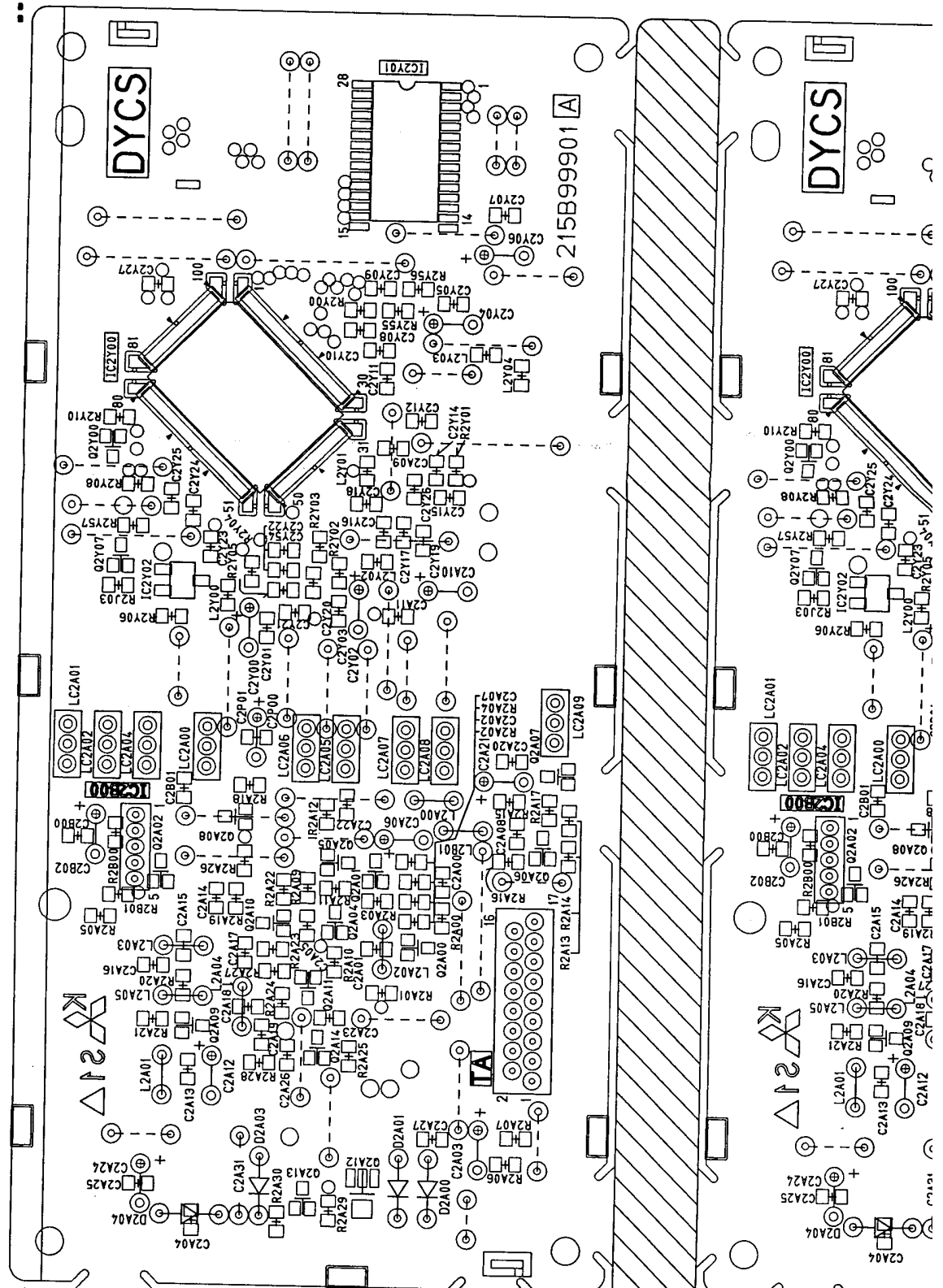
HS-0795
HS-0775
PWB-SIGNAL
P-TRIAL



Pub-DYCS
HU-8586/AS-4795

25用





DYCS

215B99901 A

DYCS

12

12

LC2A09
LC2A08
LC2A07
LC2A06
LC2A05
LC2A04
LC2A03
LC2A02
LC2A01

LC2A09
LC2A08
LC2A07
LC2A06
LC2A05
LC2A04
LC2A03
LC2A02
LC2A01

LC2B00
LC2A00
LC2A01
LC2A02
LC2A03
LC2A04
LC2A05
LC2A06
LC2A07
LC2A08
LC2A09

LC2B00
LC2A00
LC2A01
LC2A02
LC2A03
LC2A04
LC2A05
LC2A06
LC2A07
LC2A08
LC2A09

LC2A09
LC2A08
LC2A07
LC2A06
LC2A05
LC2A04
LC2A03
LC2A02
LC2A01

LC2A09
LC2A08
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LC2A06
LC2A05
LC2A04
LC2A03
LC2A02
LC2A01

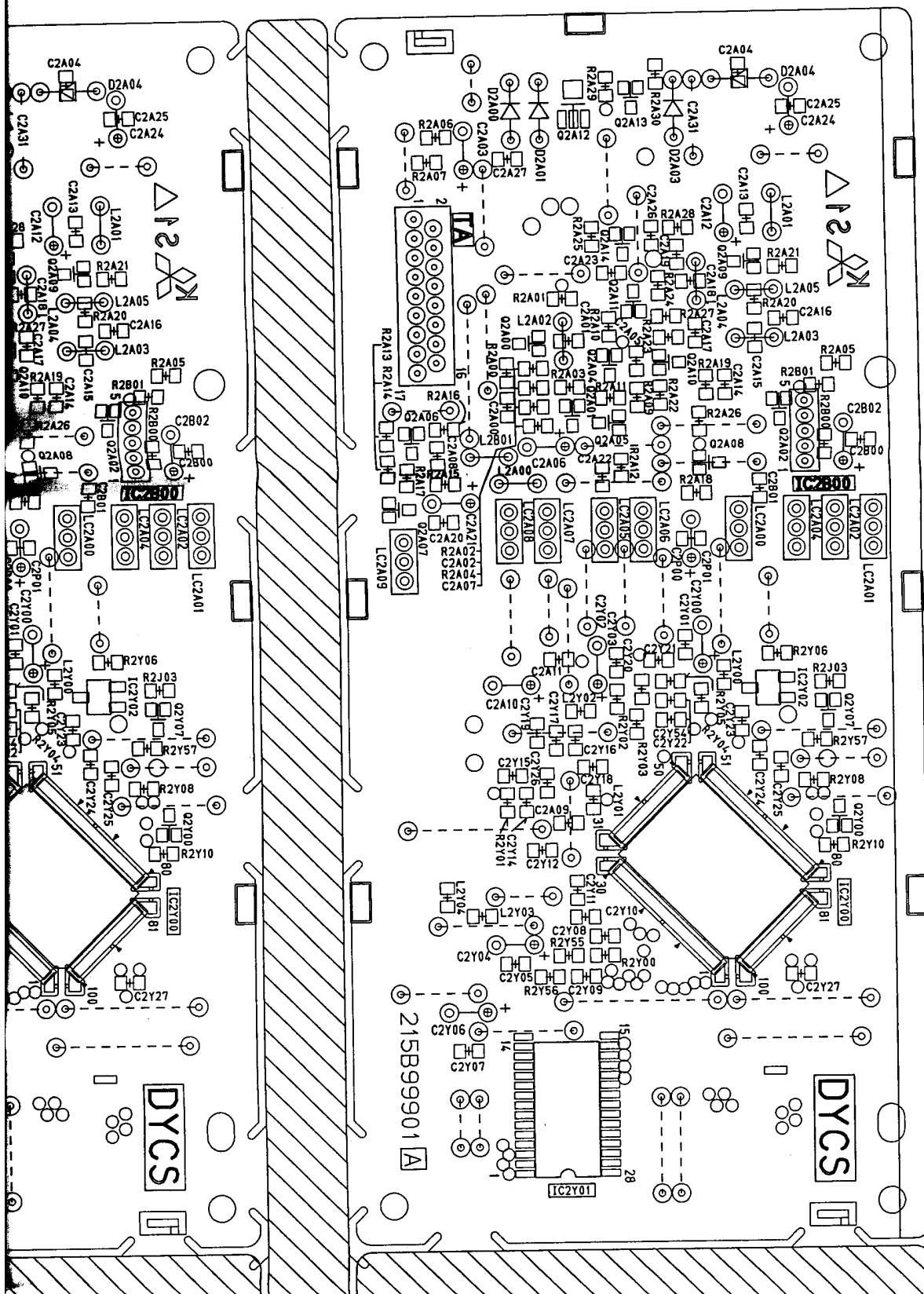
C2A04
C2A03
C2A02
C2A01
C2A00
C2A09
C2A08
C2A07
C2A06
C2A05
C2A04
C2A03
C2A02
C2A01
C2A00

C2A04
C2A03
C2A02
C2A01
C2A00
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C2A00
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C2A00

215B999A1



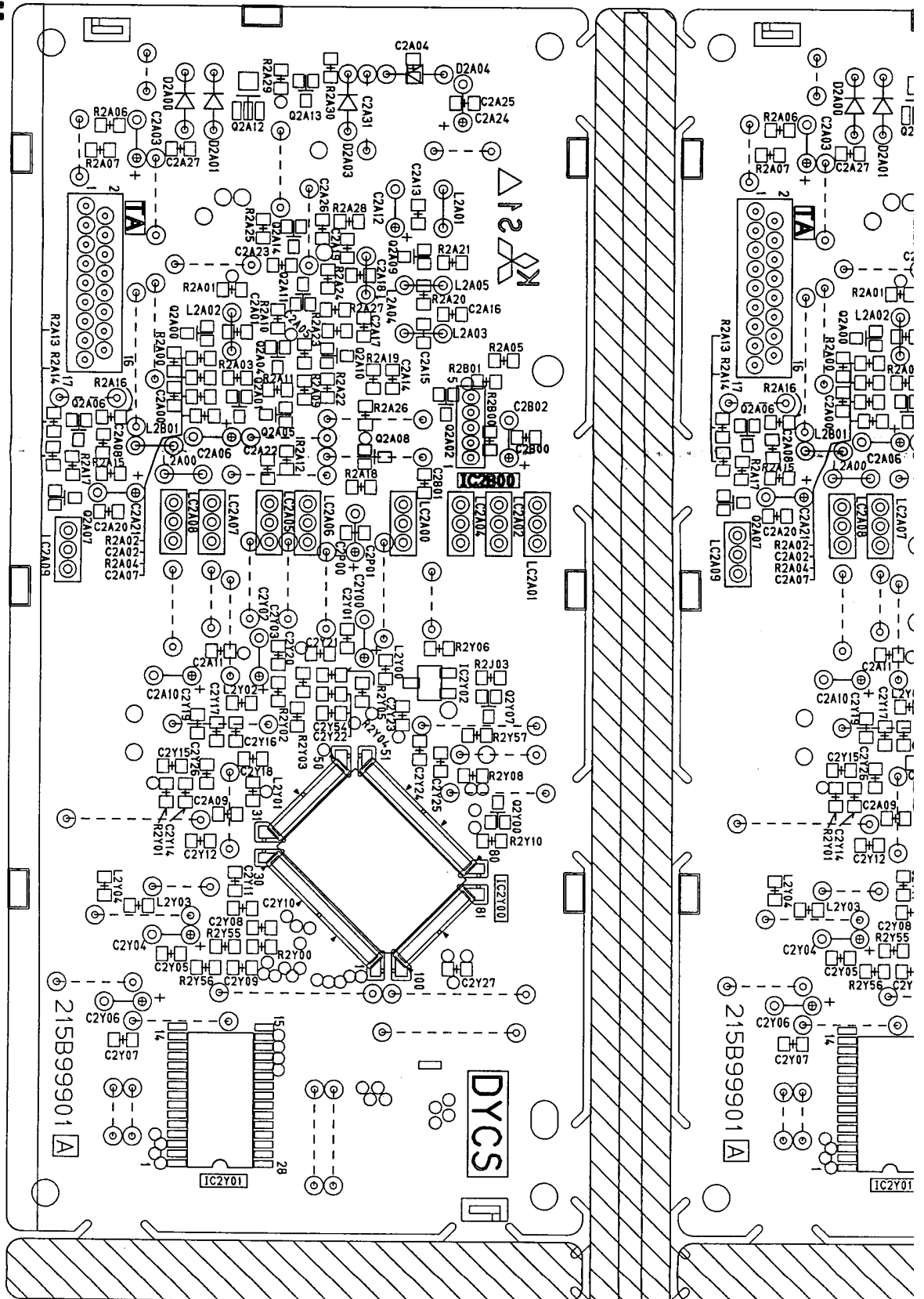
215B99901 A

DYCS

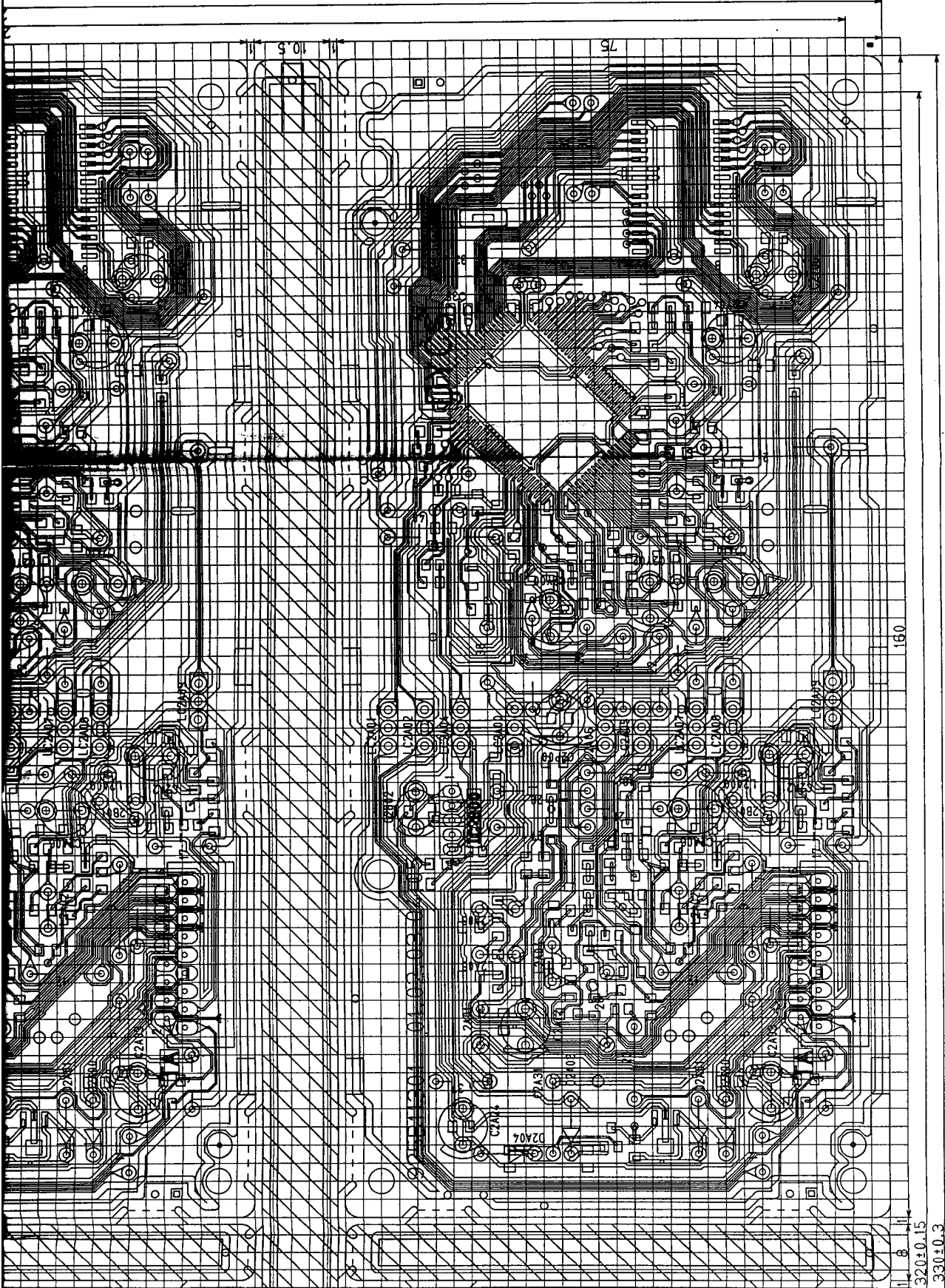
DYCS

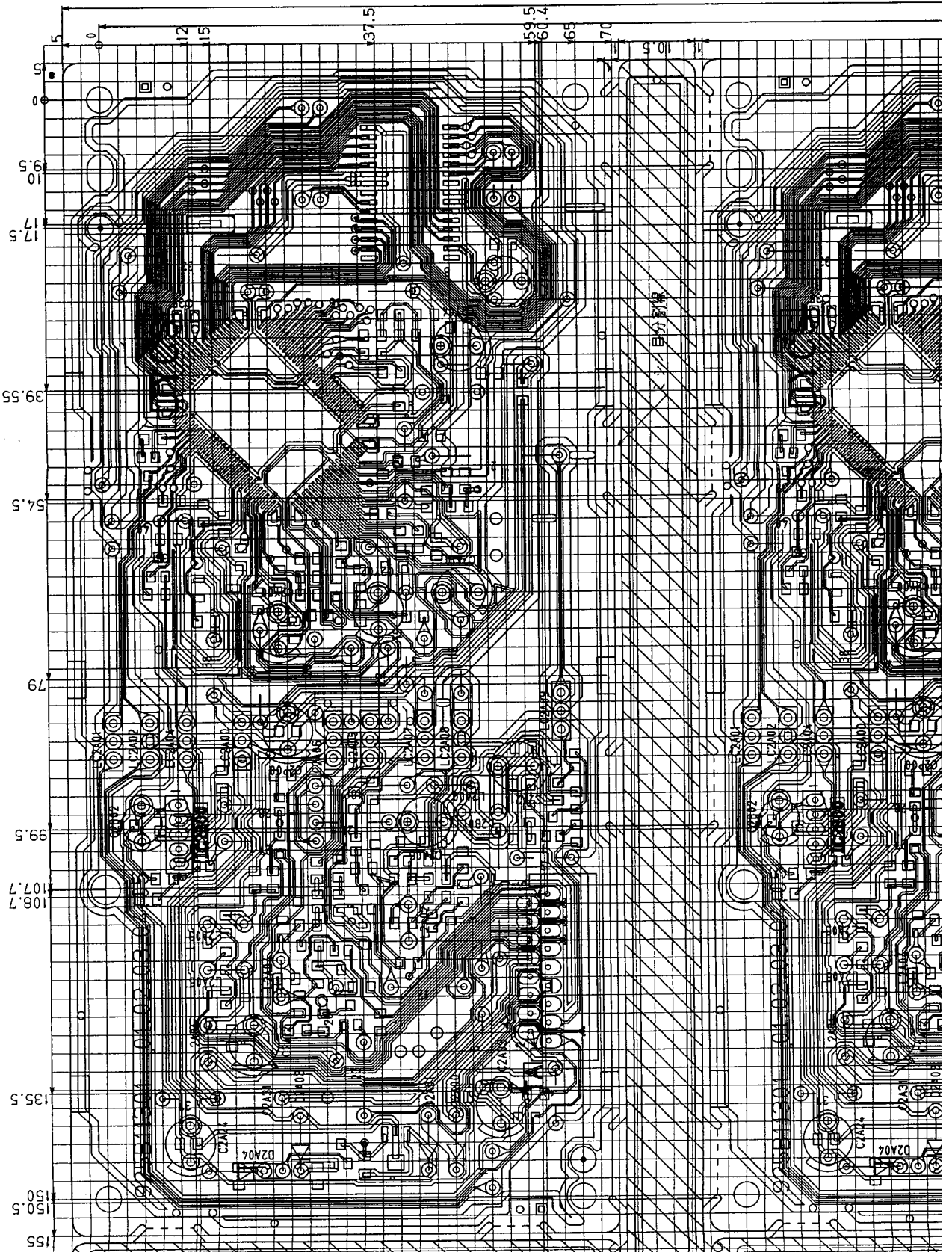
IC2Y01

HS-U795
PWB-DYCS
P-TRIAL

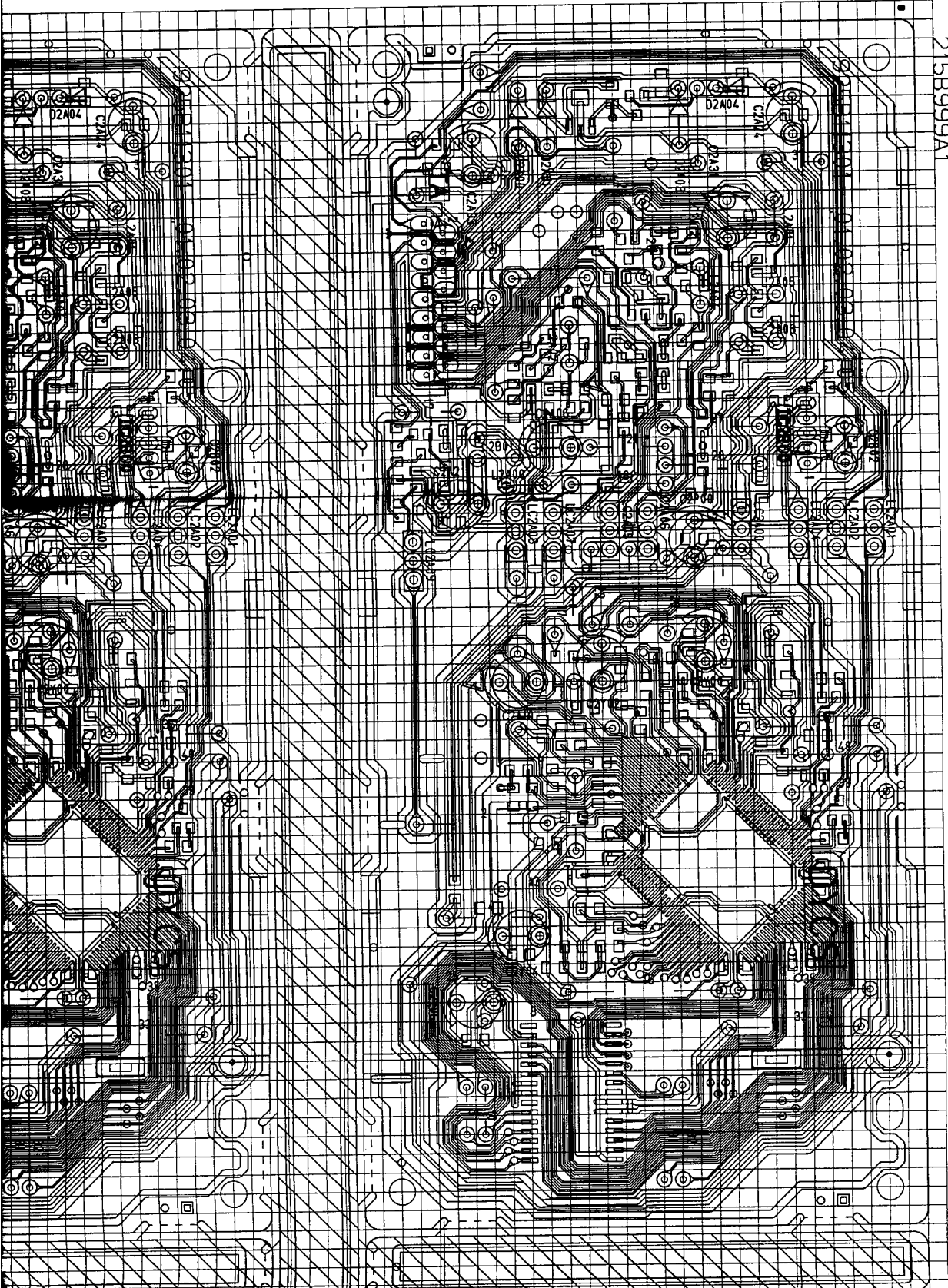


700-0175
HV-8506/HS-0715
P. 1/1

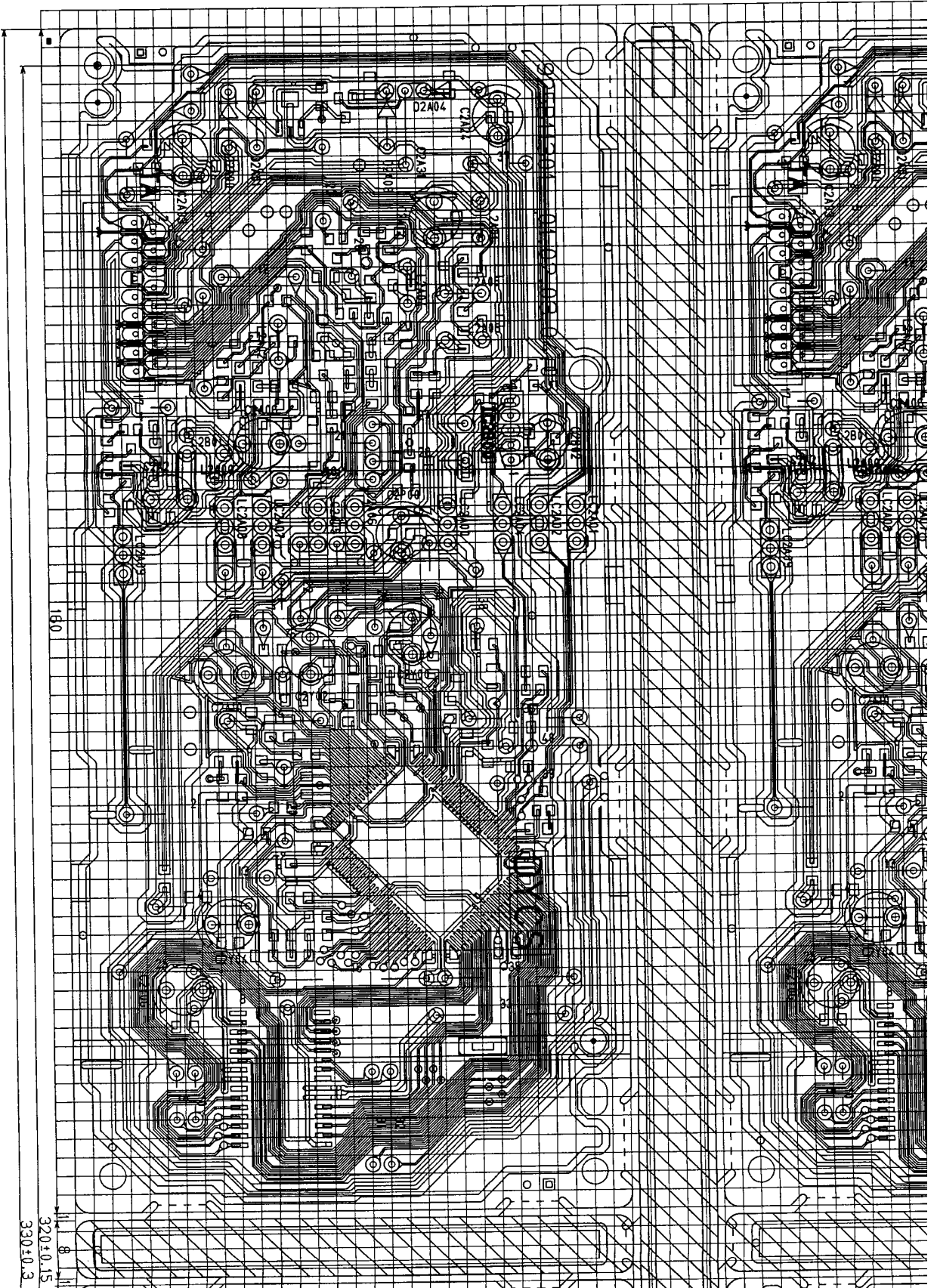




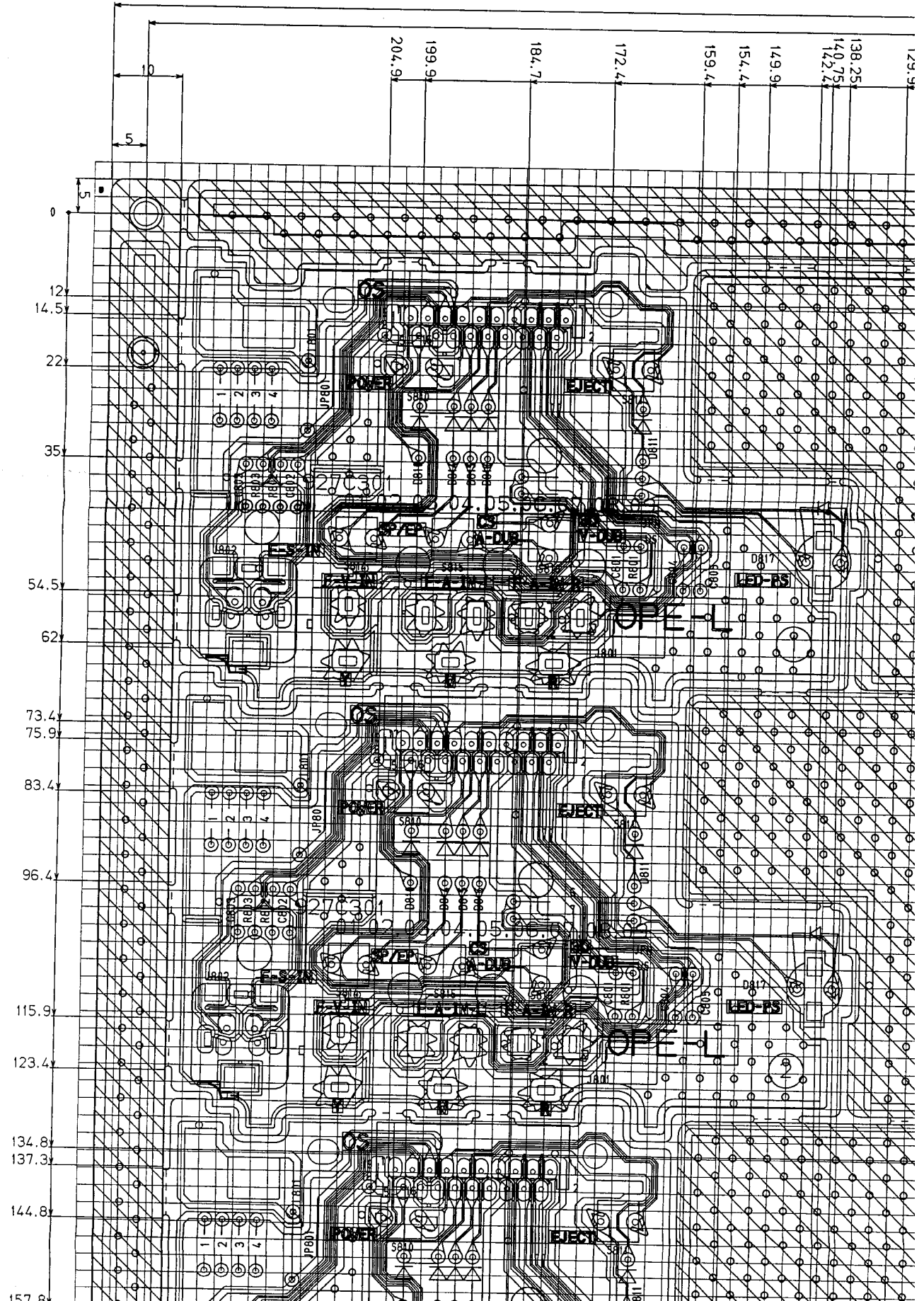
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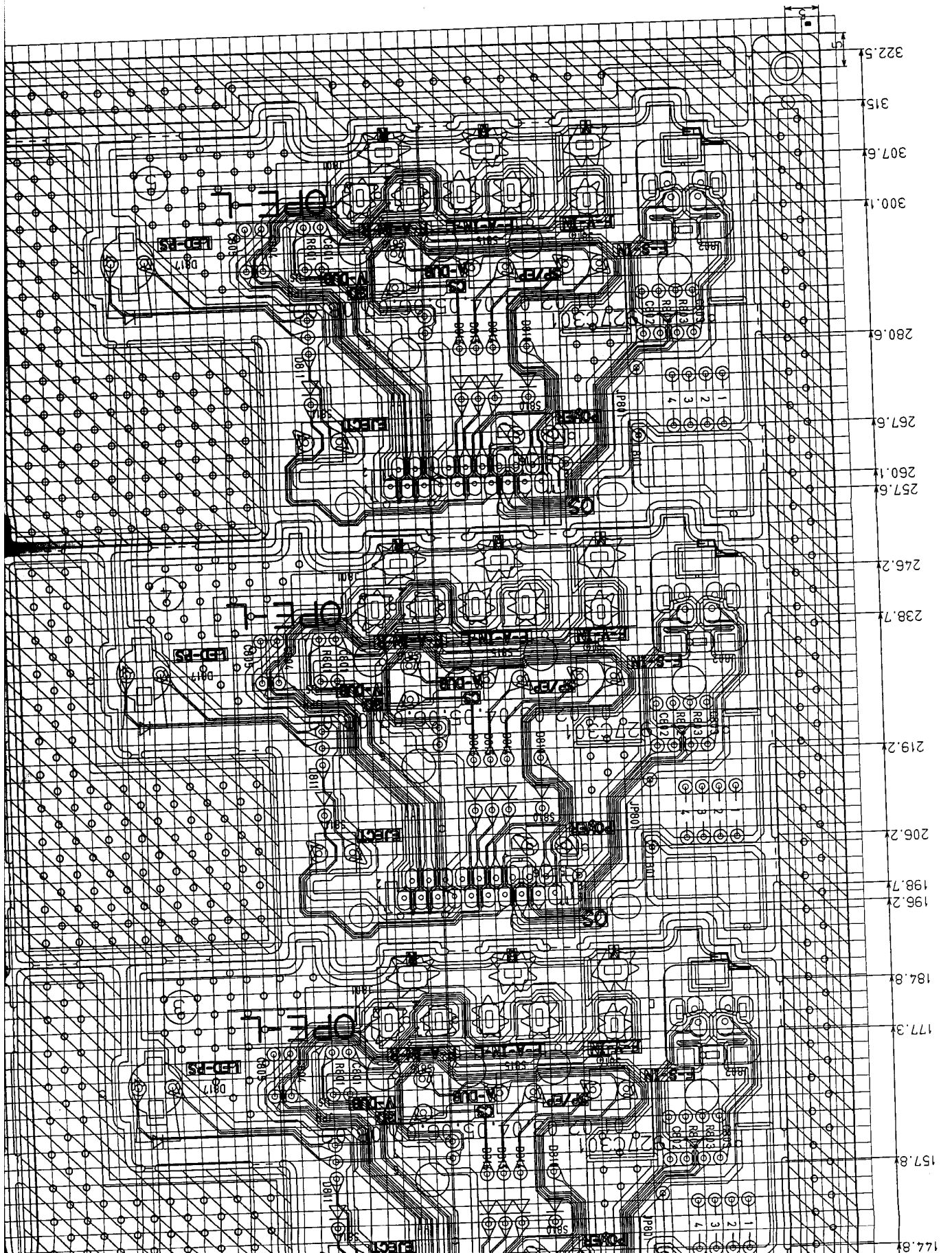


HS-U795
PWB-DYCS
P-TRIAL

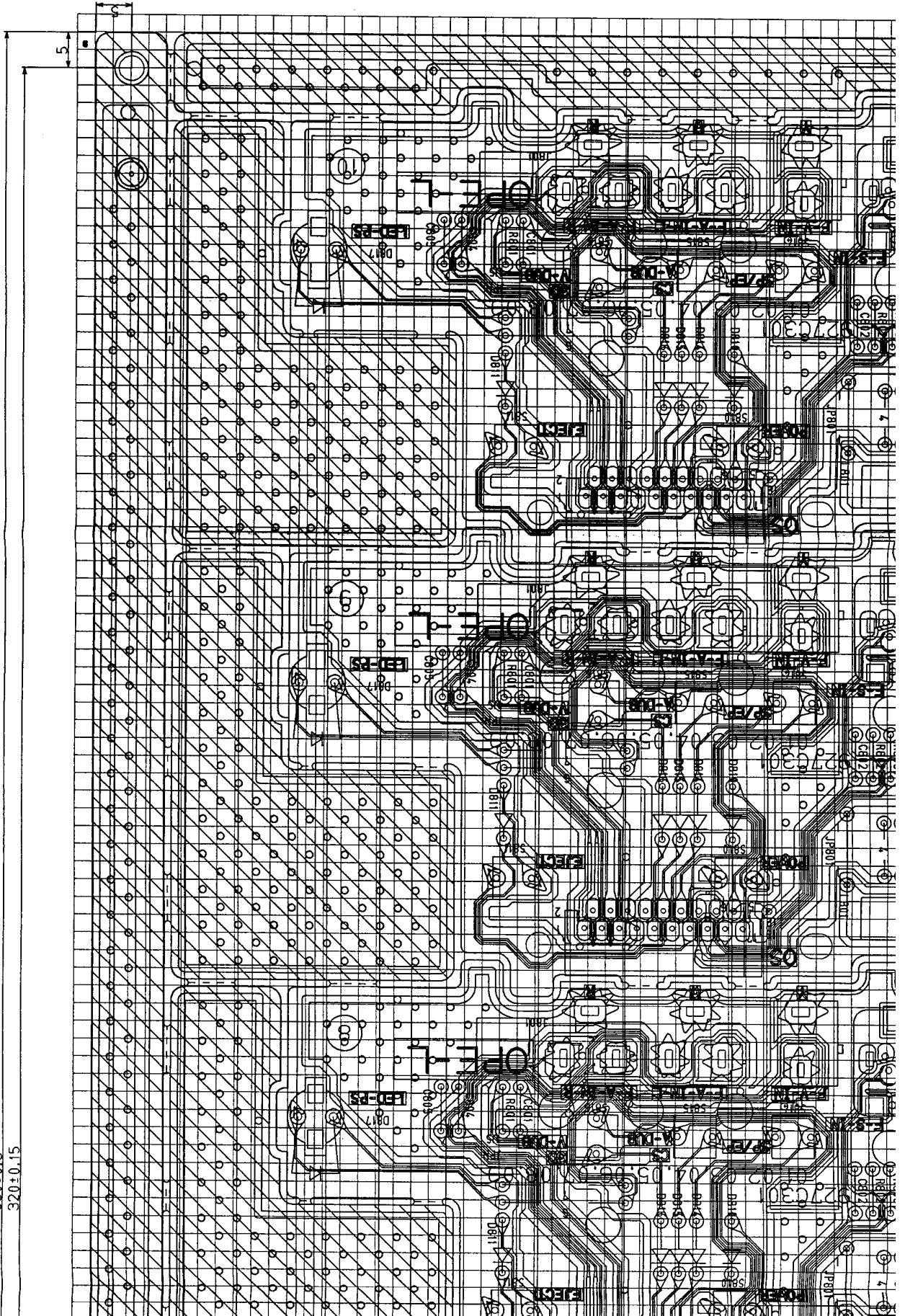


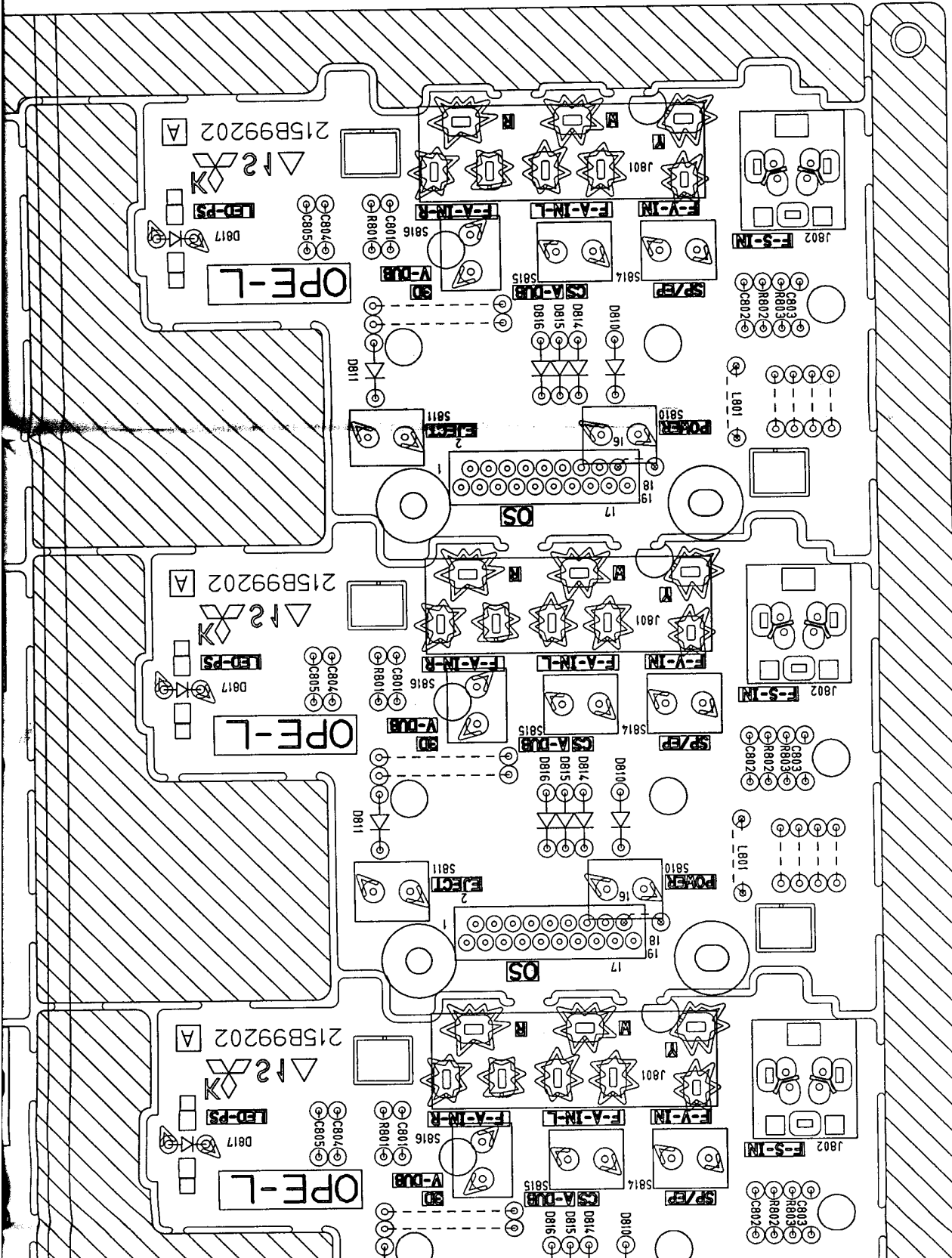
HS-0795
HS-0775
PWB-0PE-L
P-TRIAL

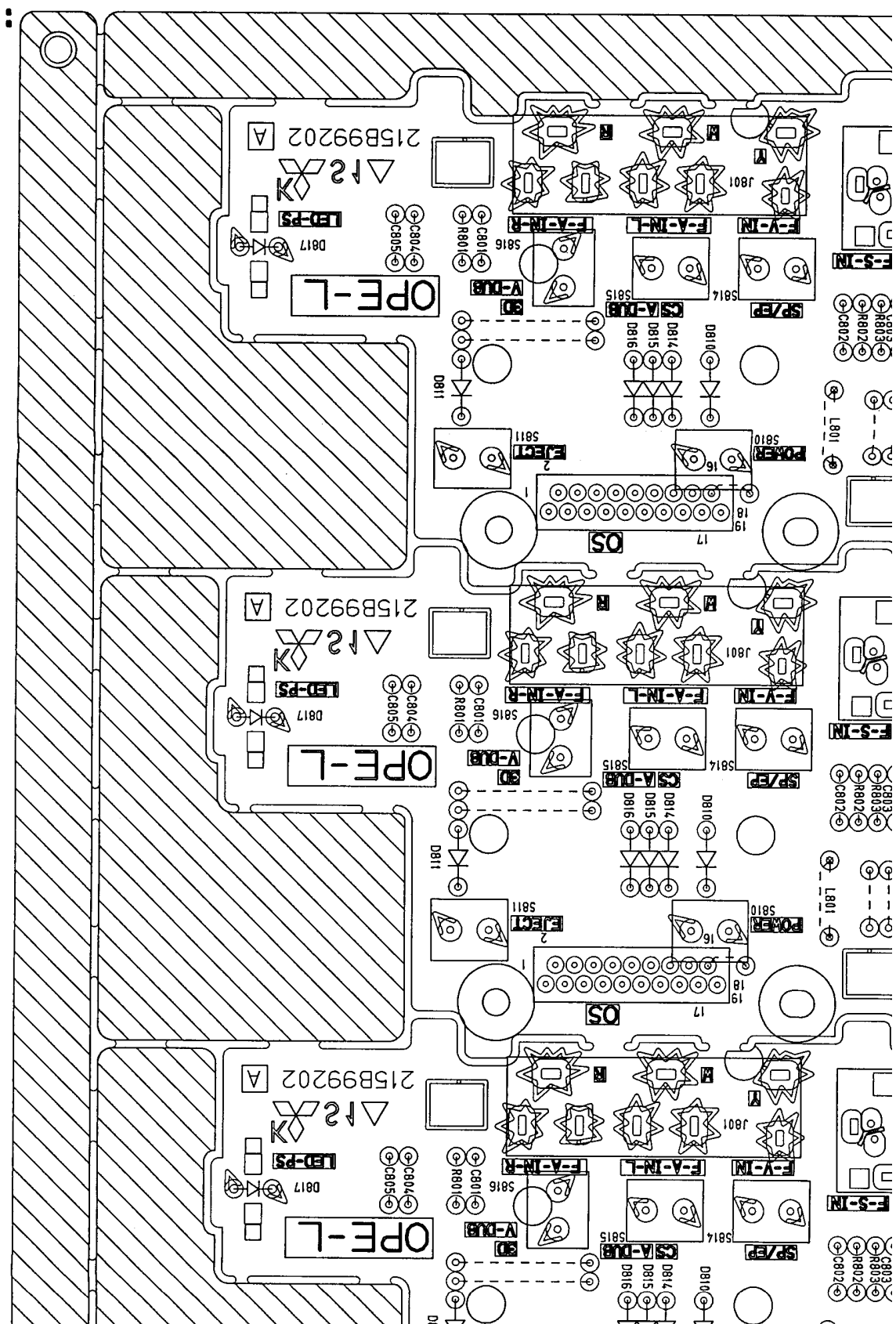




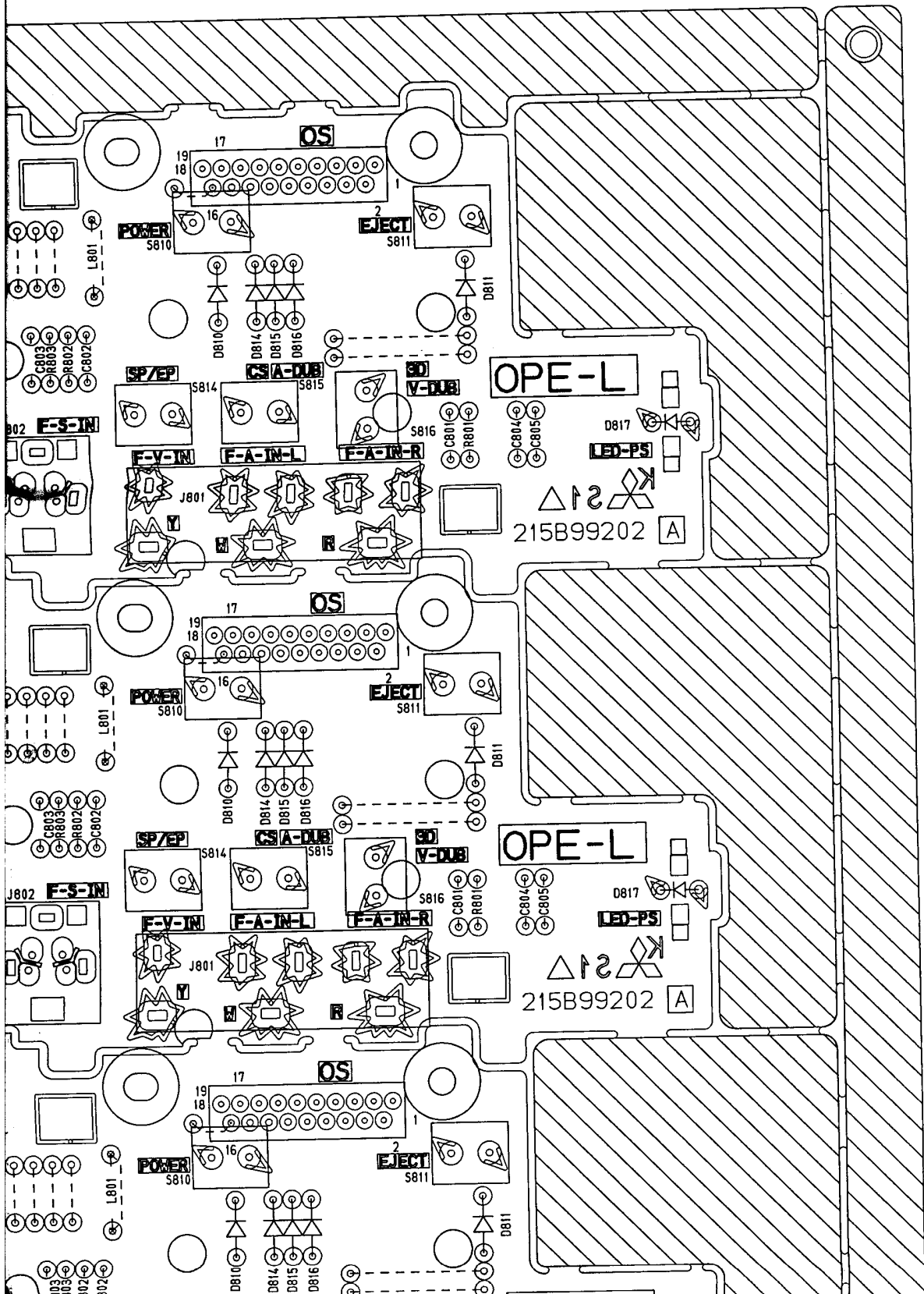
330±0.3
320±0.15



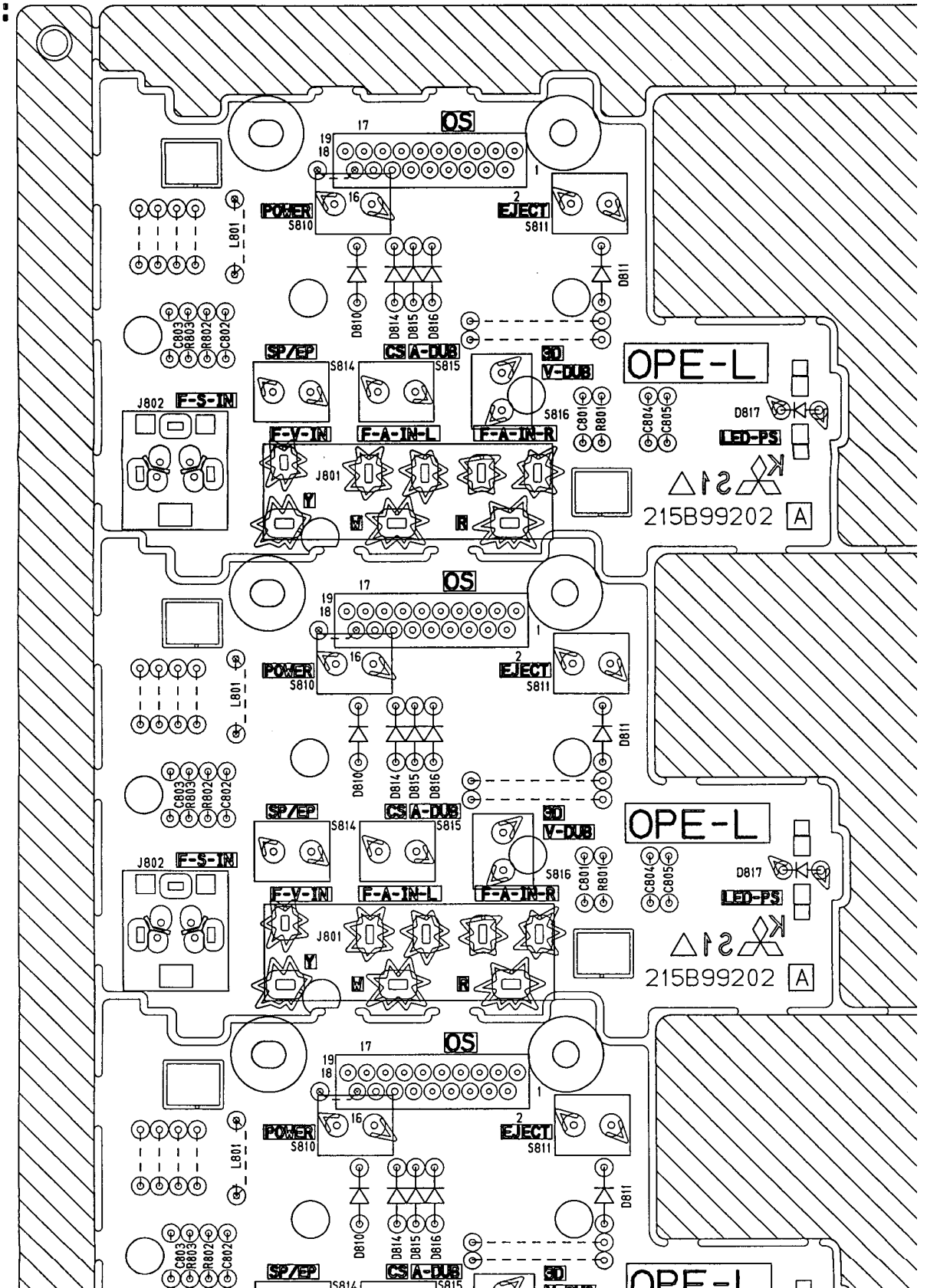




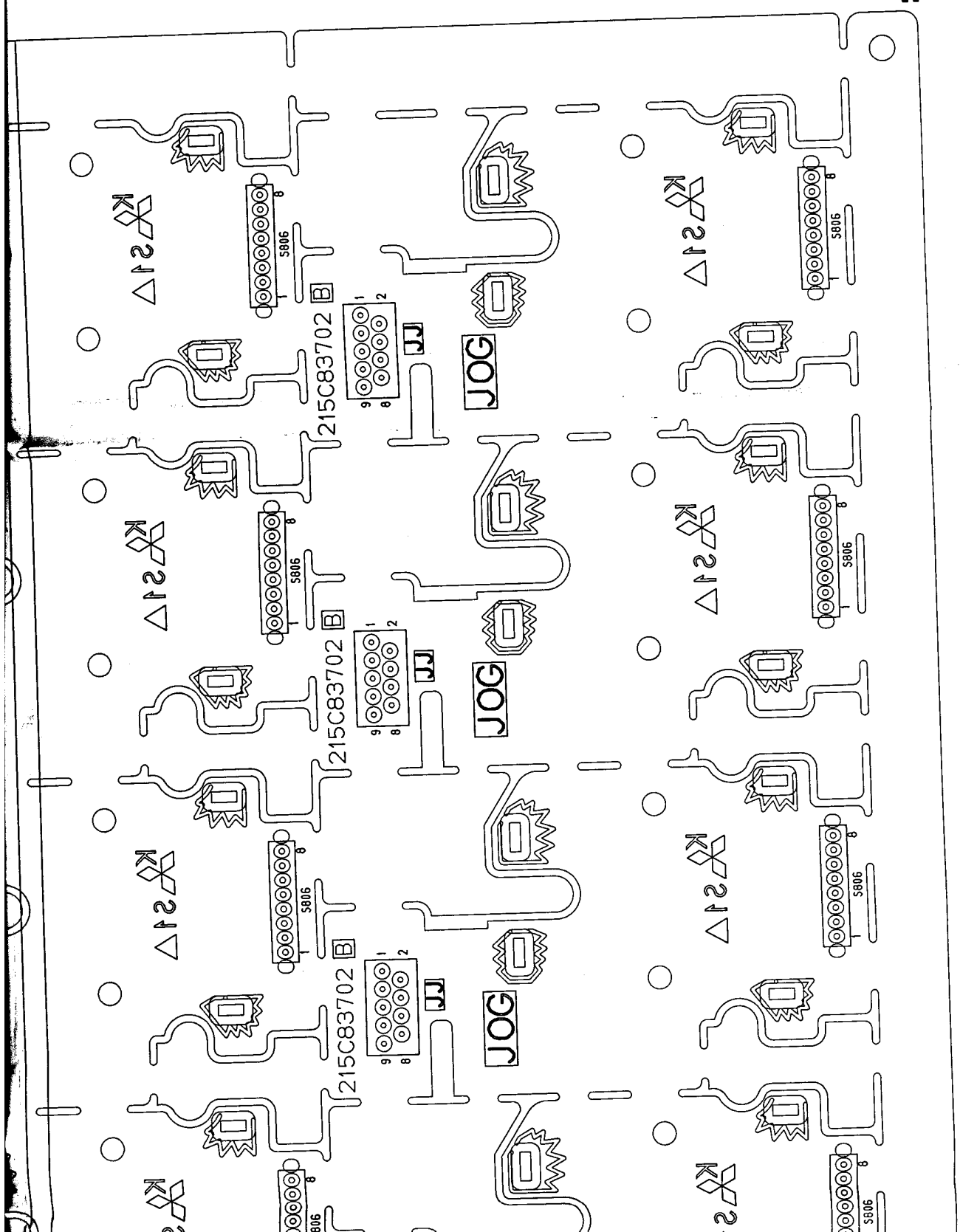
215B992A2

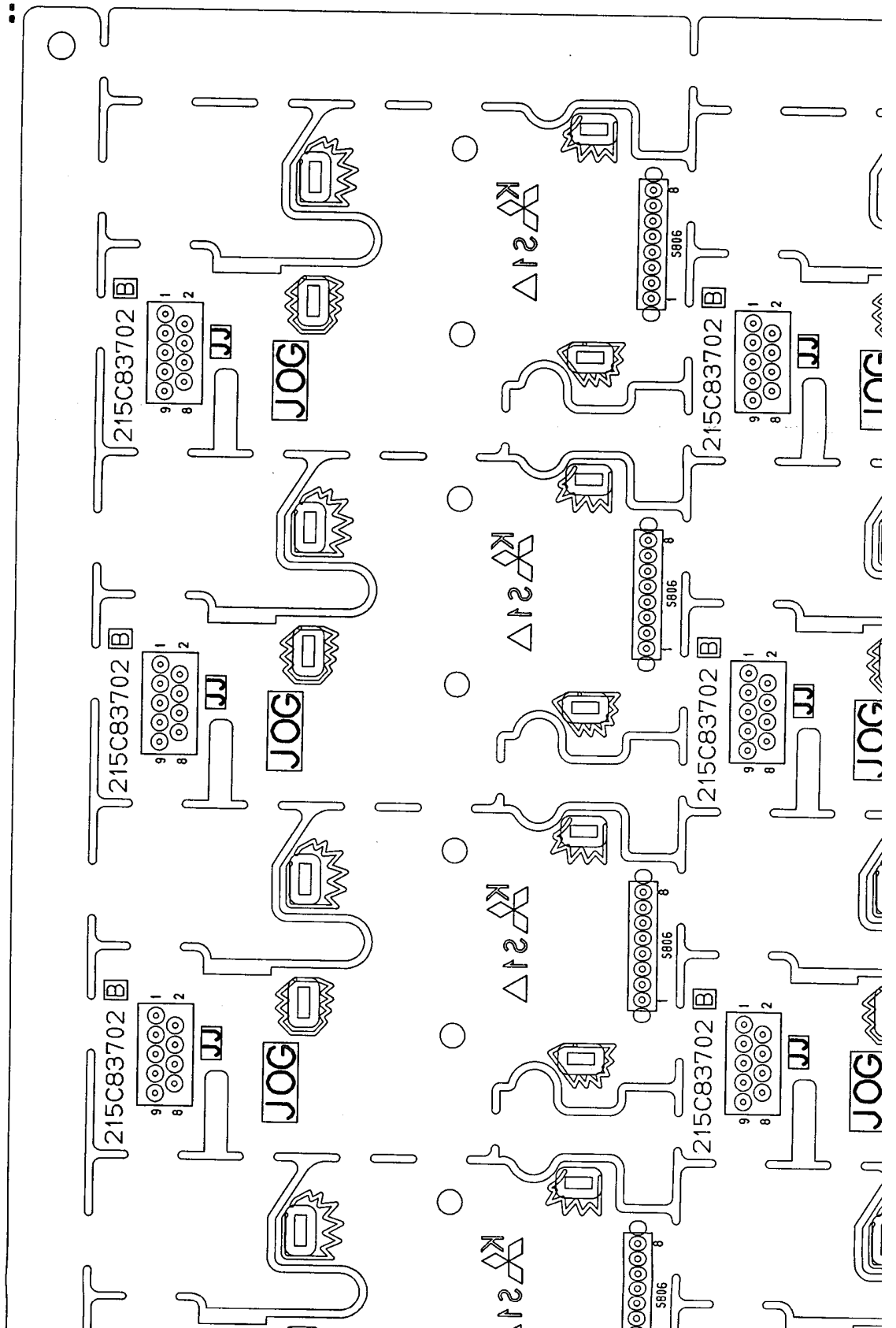


HS-U795
HS-U775
PWB-OPE-L
P-TRIAL

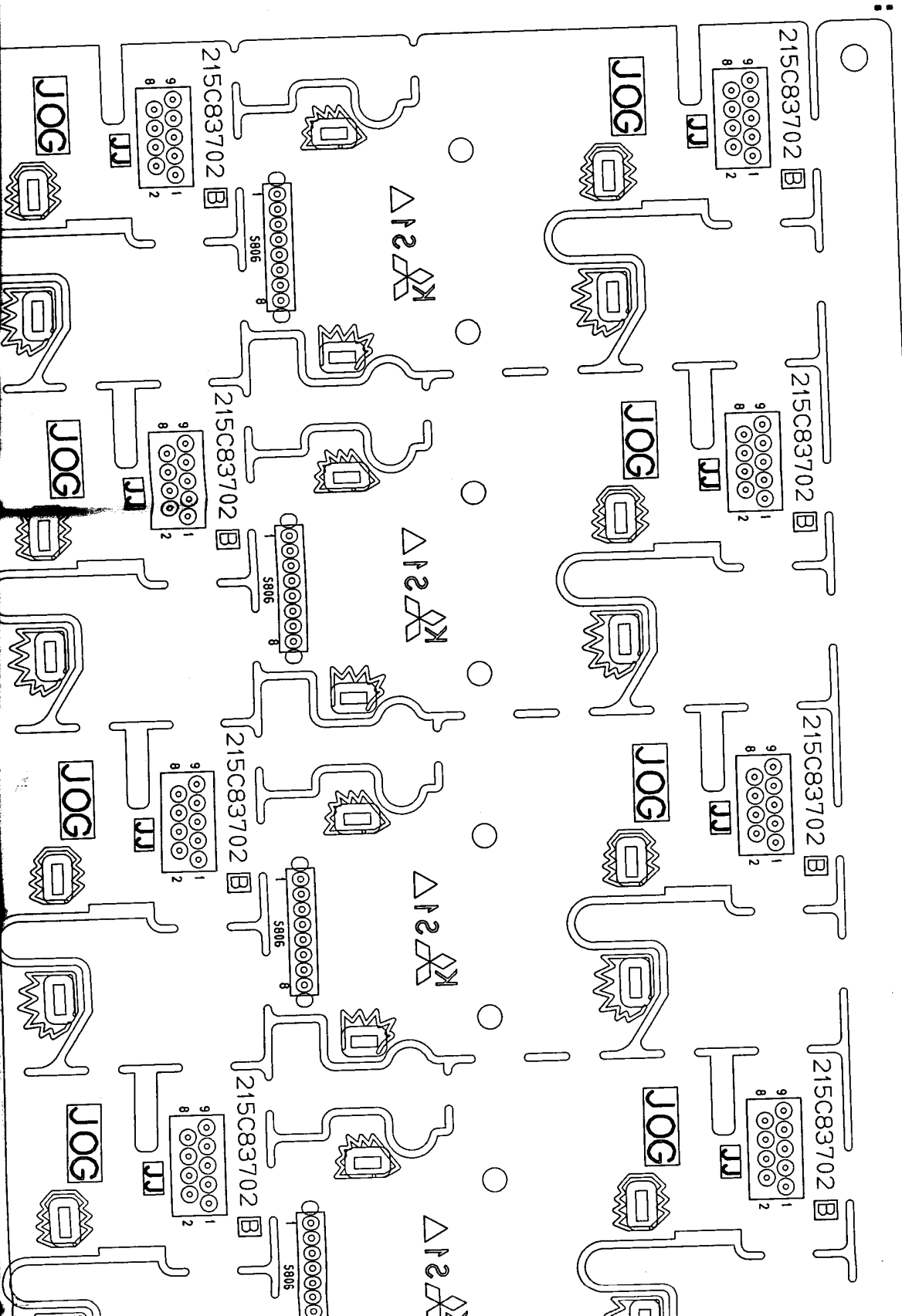


U595 M2式 Vペリ
97-11-30

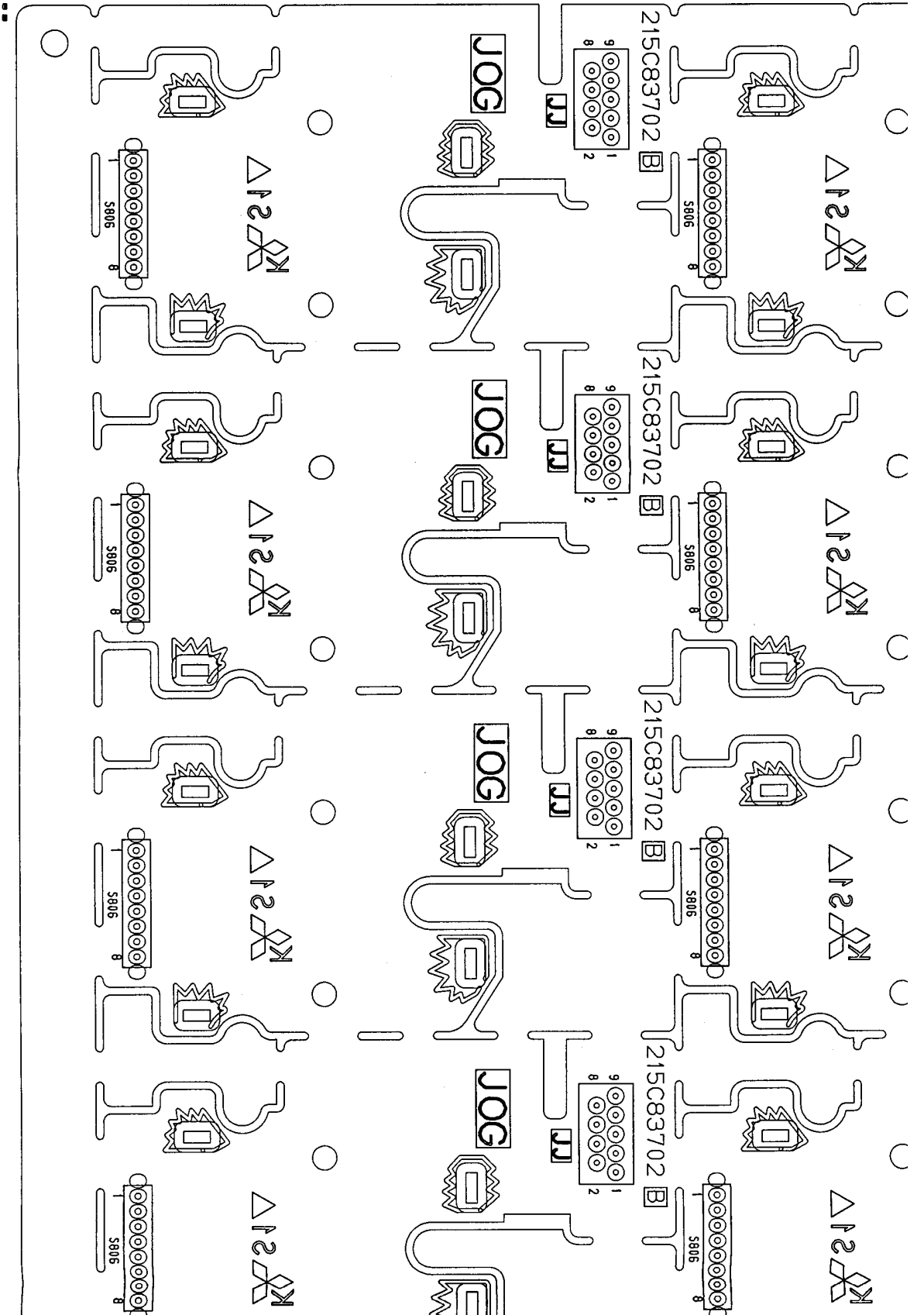




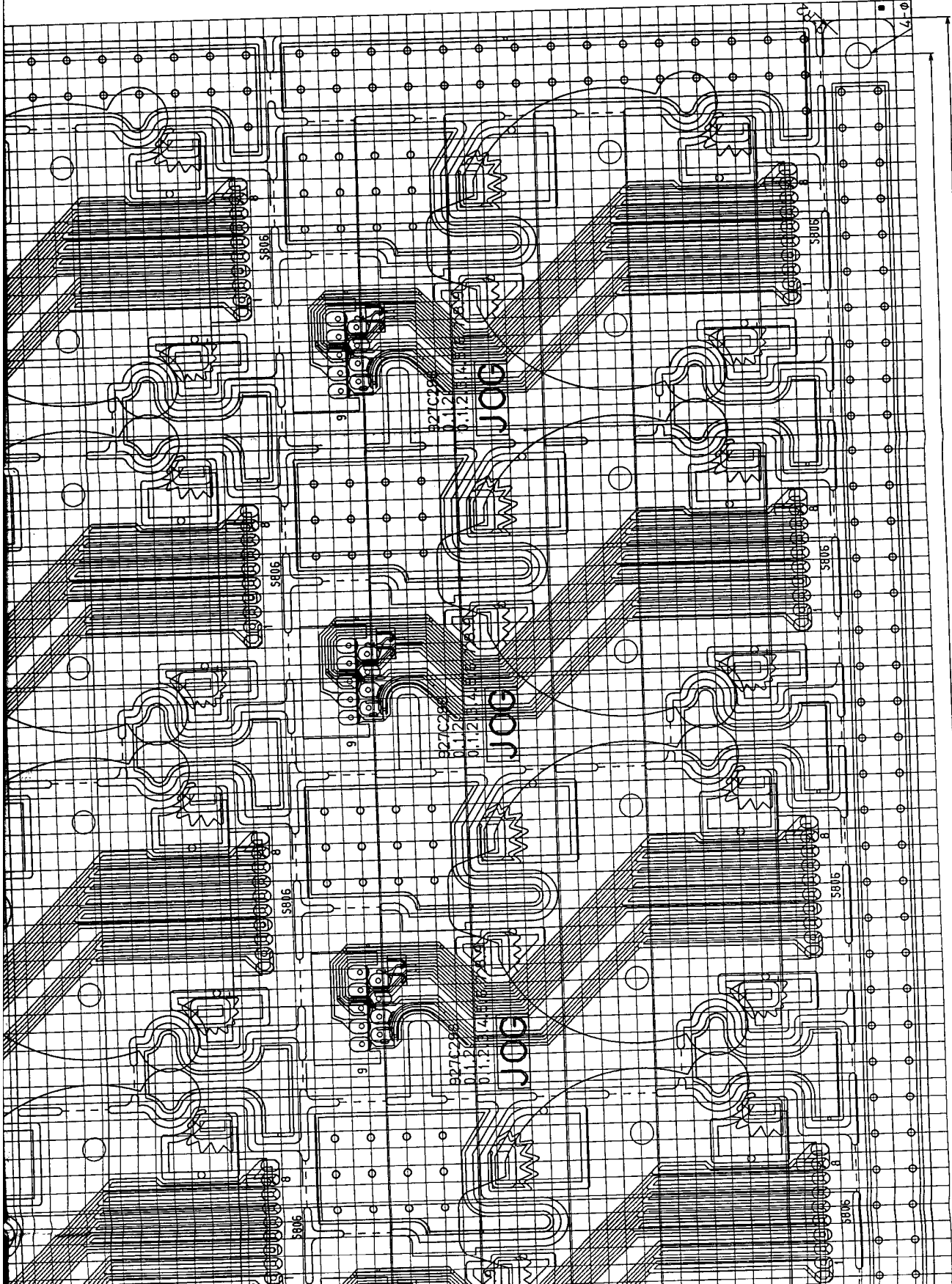
215C837B2



HS-U795
PWB - J06
P-TRIAL

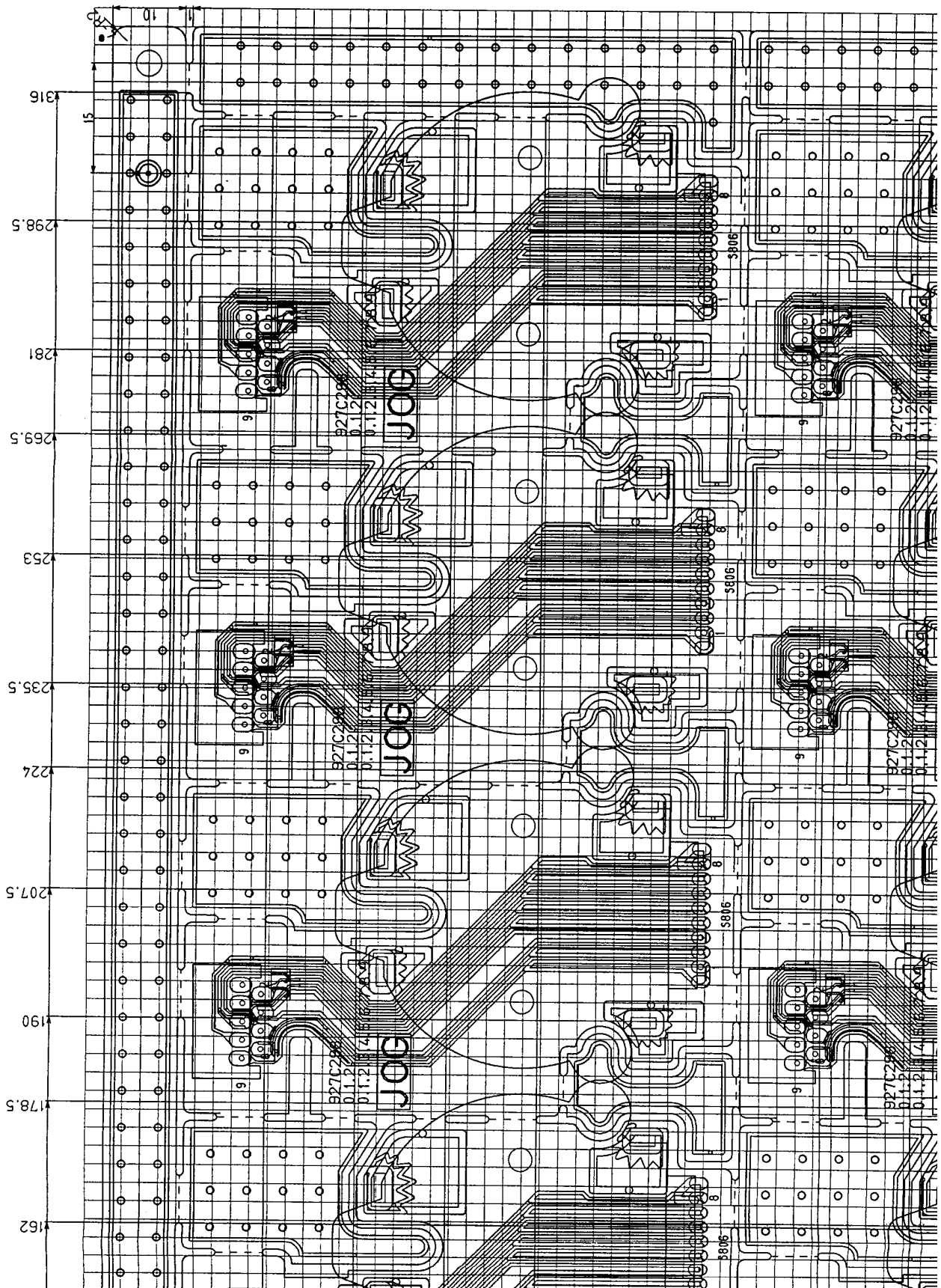


U595 M試V216
198-11-30



320±0.15
330±0.3

4-0.3.5±0.05



316
298.5
281
269.5
253
235.5
224
207.5
190
178.5
162

927C2048
0.125
0.125
JOG

927C2049
0.125
0.125
JOG

927C2048
0.125
0.125
JOG

927C2049
0.125
0.125
JOG

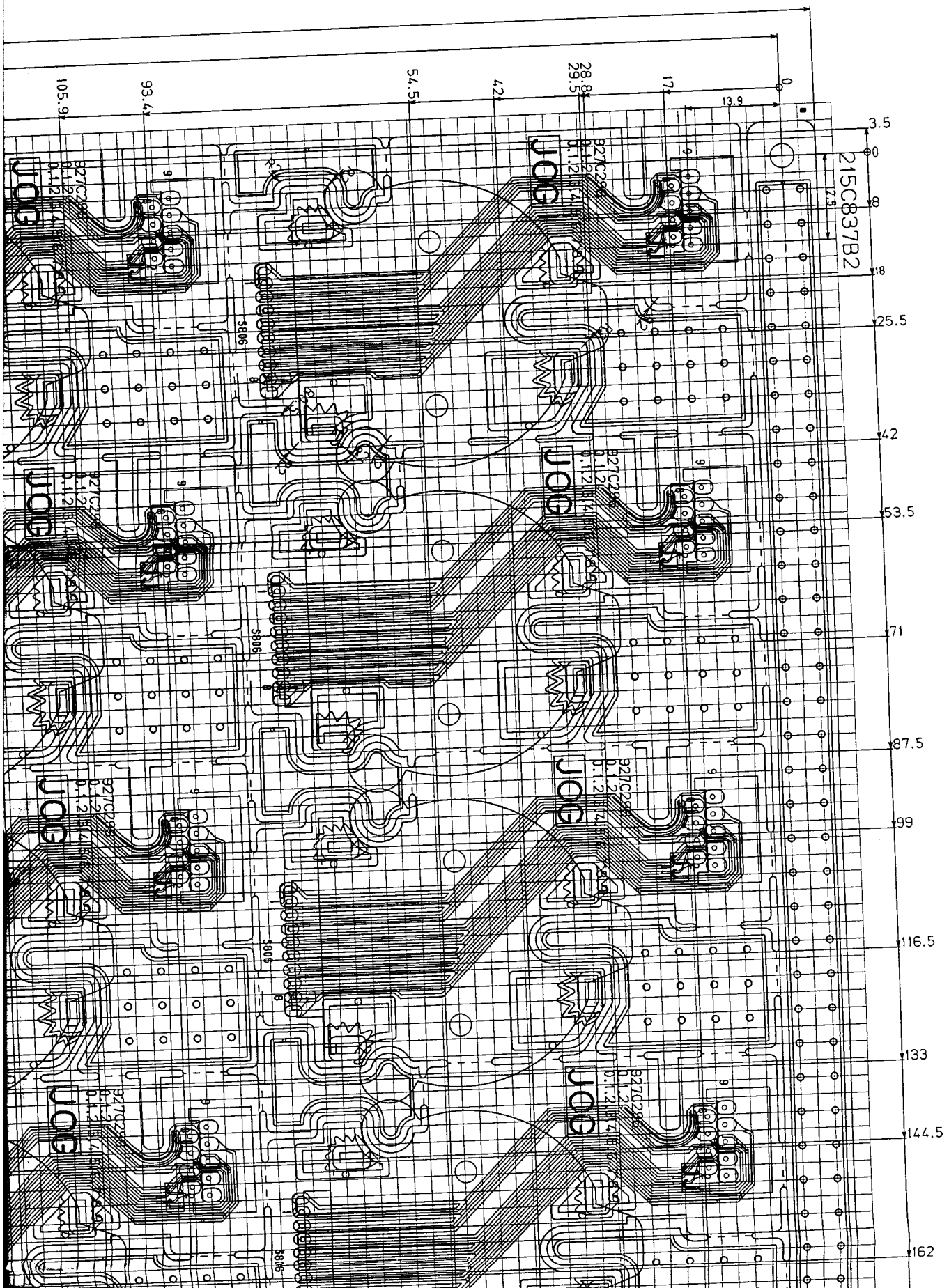
927C2048
0.125
0.125
JOG

927C2049
0.125
0.125
JOG

927C2048
0.125
0.125
JOG

927C2049
0.125
0.125
JOG

9085
9085
9085
9085
9085
9085
9085
9085
9085
9085



215C837B2

3.5

0

8

18

25.5

42

53.5

71

87.5

99

116.5

133

144.5

162

28.8

29.5

17

13.9

54.5

42

93.4

105.9

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

4

JOG

9

3805

927C28

0.12

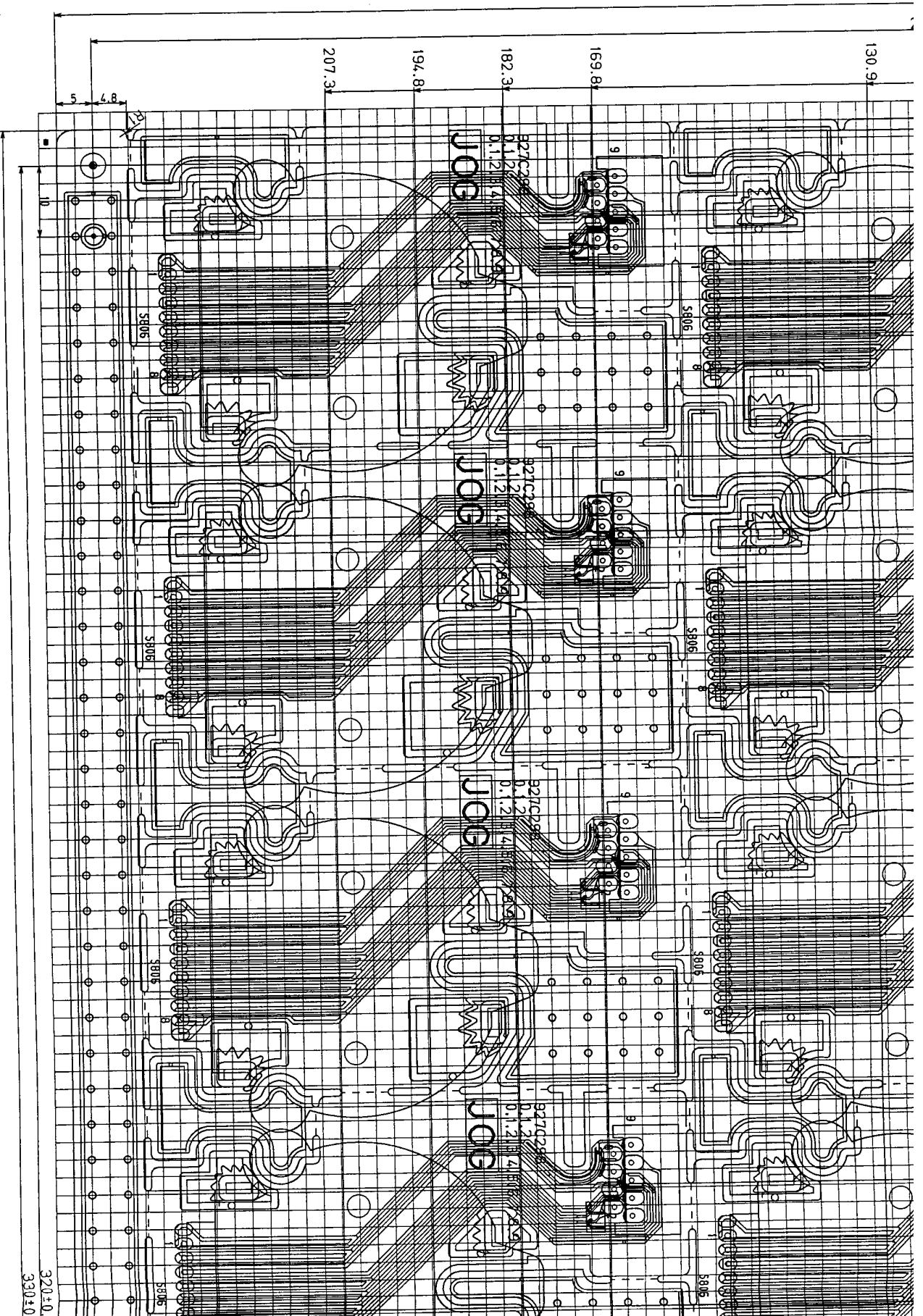
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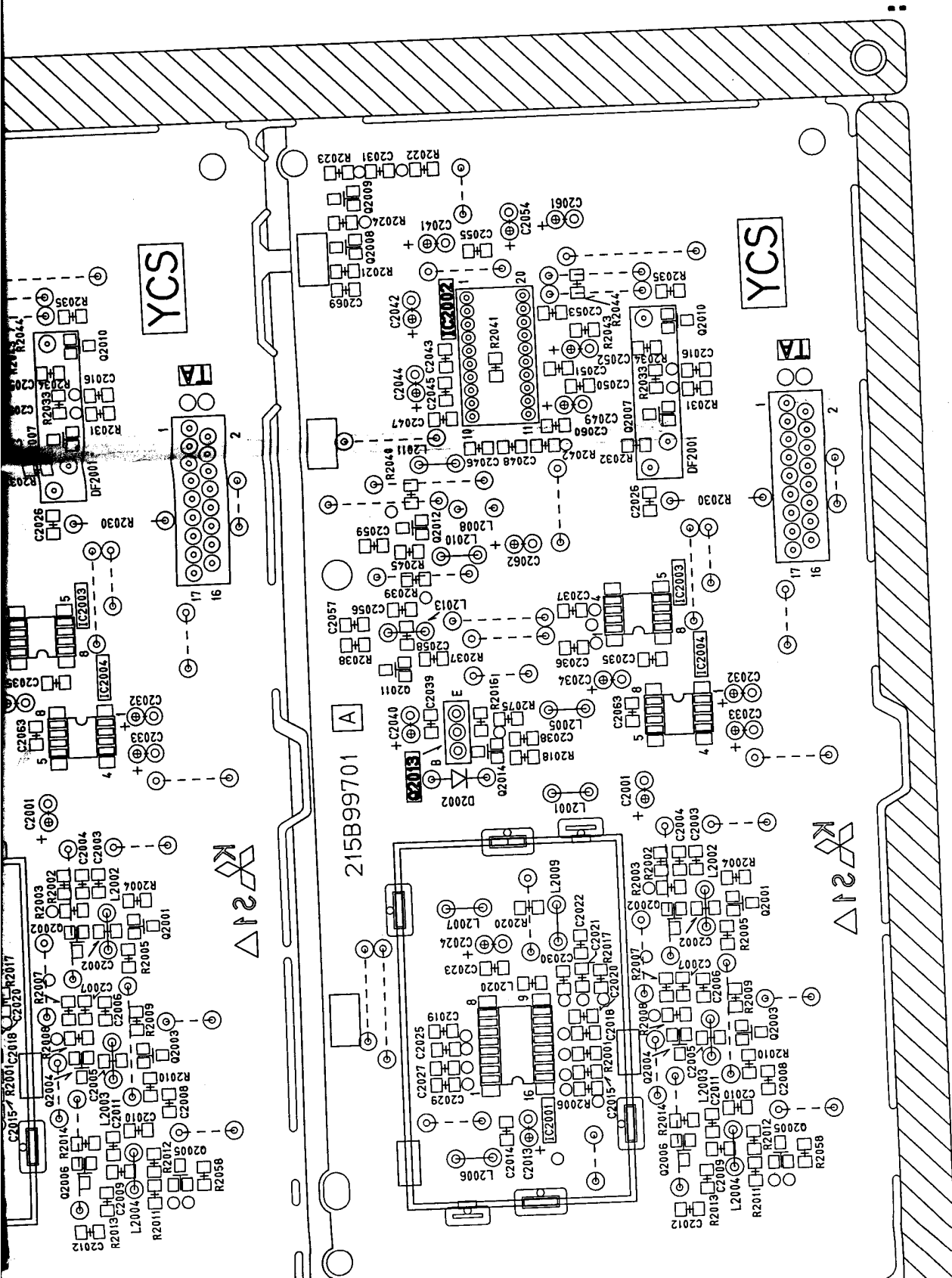
JOG

9

3805

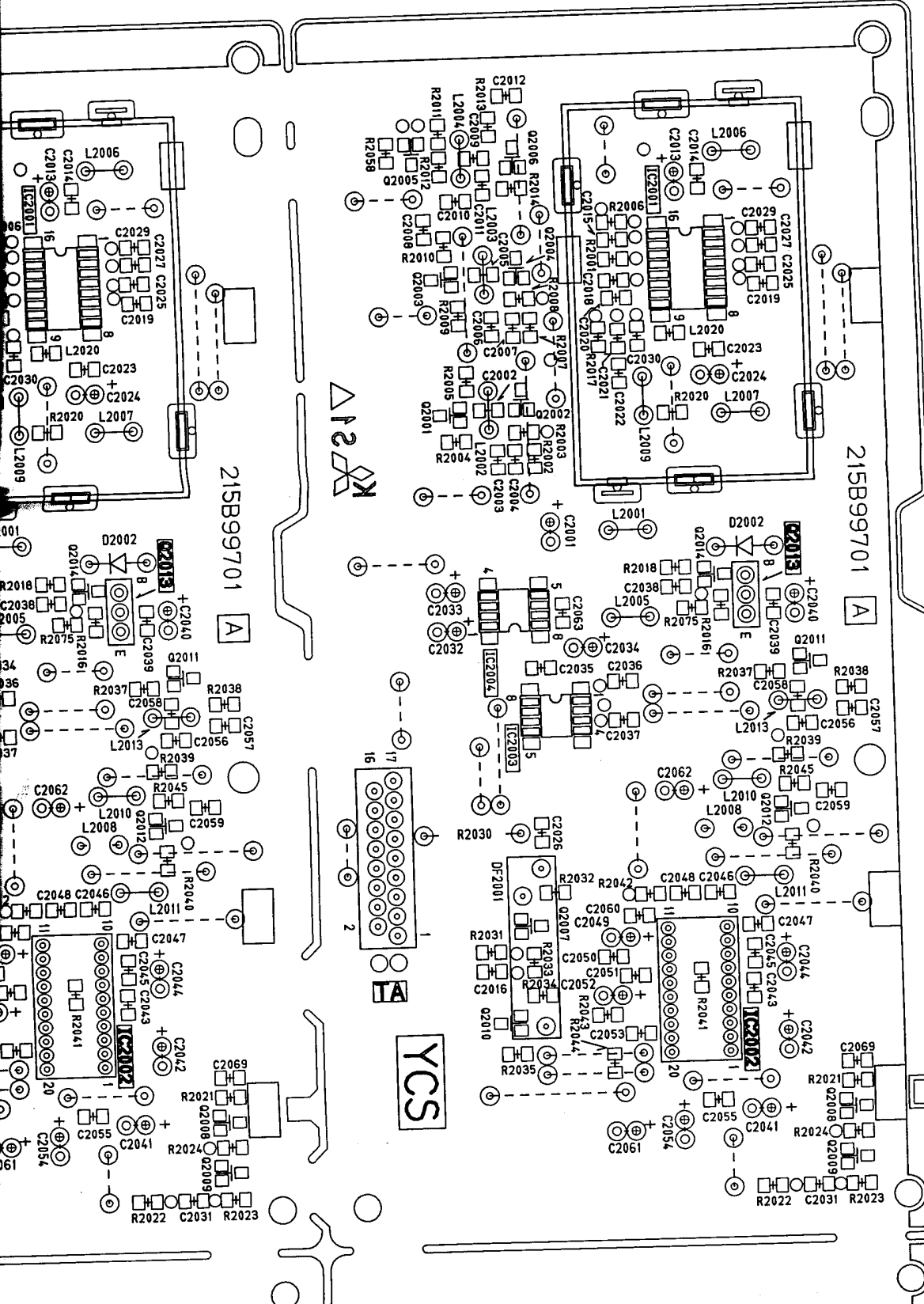
HS-V795
PWB-706
P-TRIAL





98.12.11
 7井
 6057
 HW-560
 YCS. (HW)

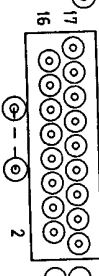
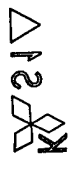
215B997A1



215B99701 A

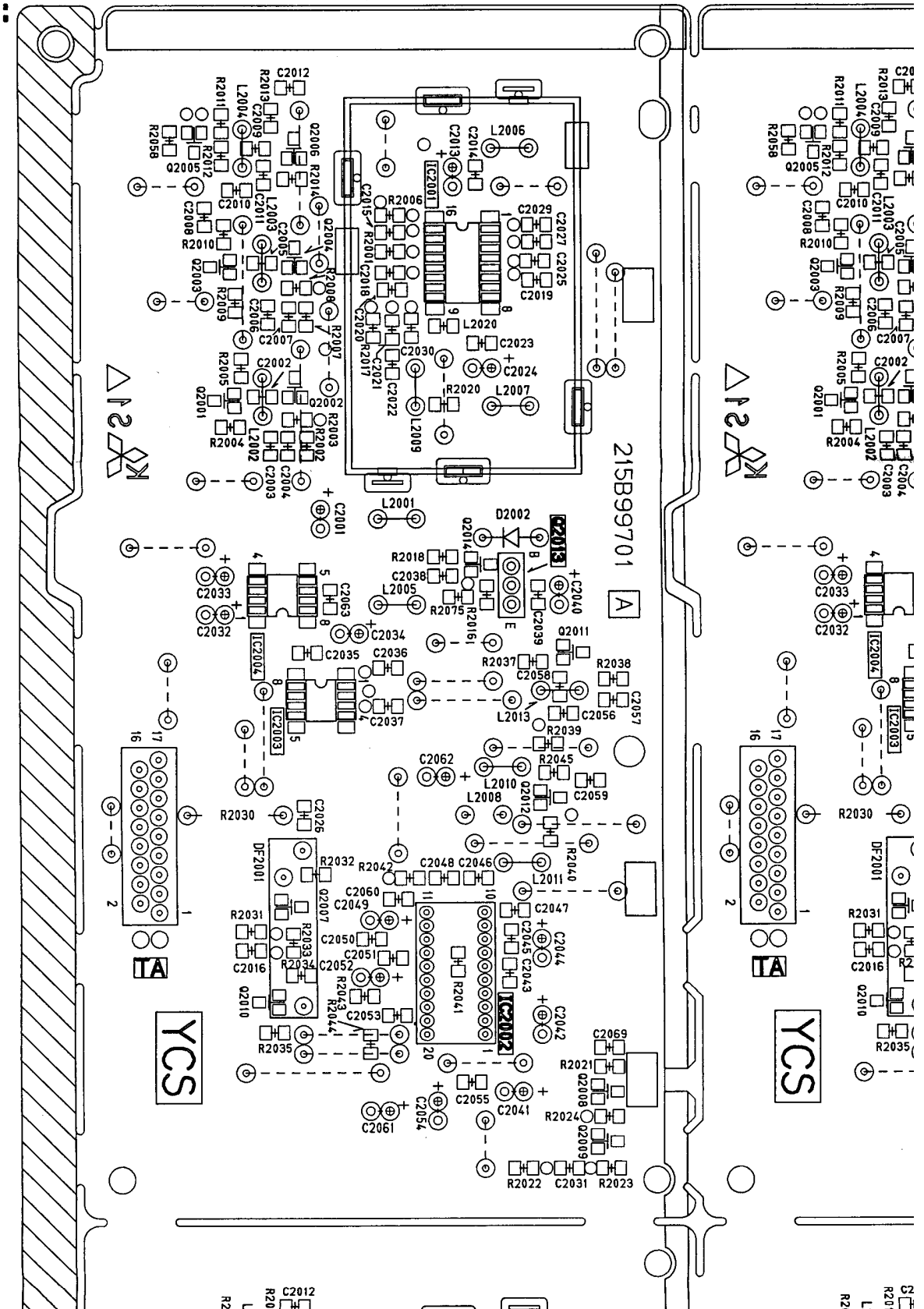
215B99701 A

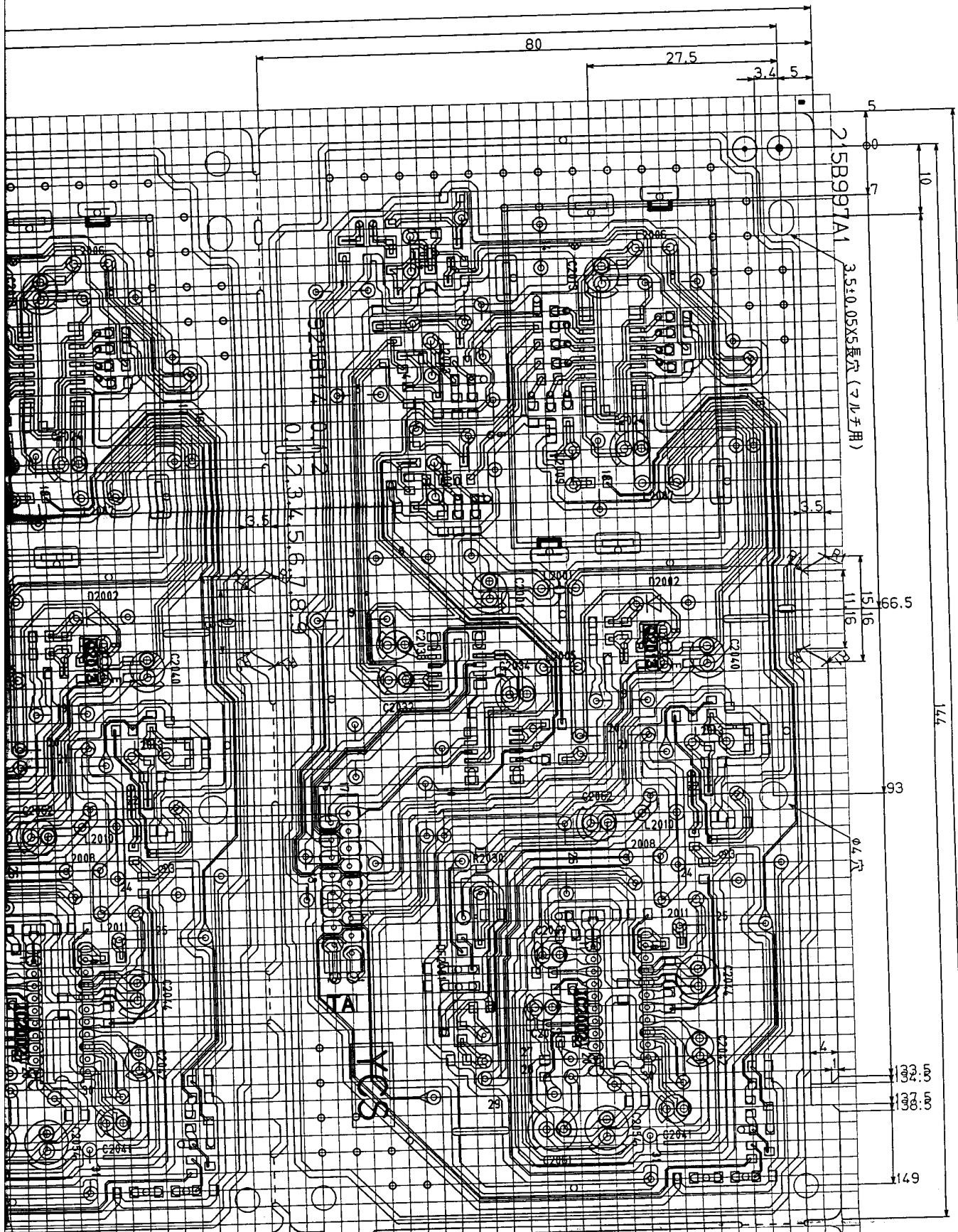
YCS



C2012
R2011
L2001
R2008

HS- U775
PWB- YCS
P- TRIAL





215B997A1 3.5±0.05X5長穴 (7ルチ用)

80

27.5

3.4 5

10

66.5

177

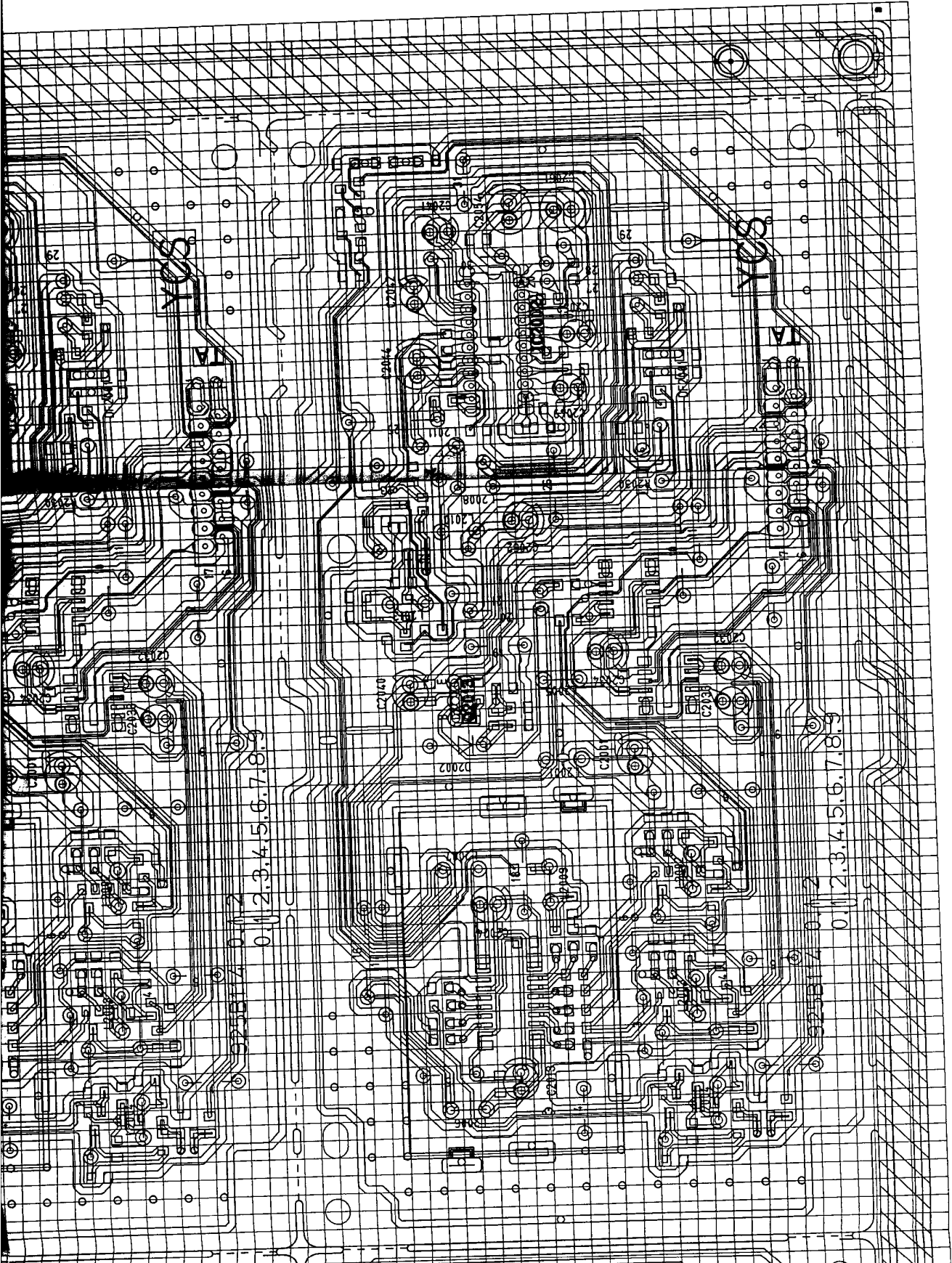
93

149

0.2010
2.008
2.011

TA
YES

0.4
0.4
0.4



HT-566
Y.S. (62)

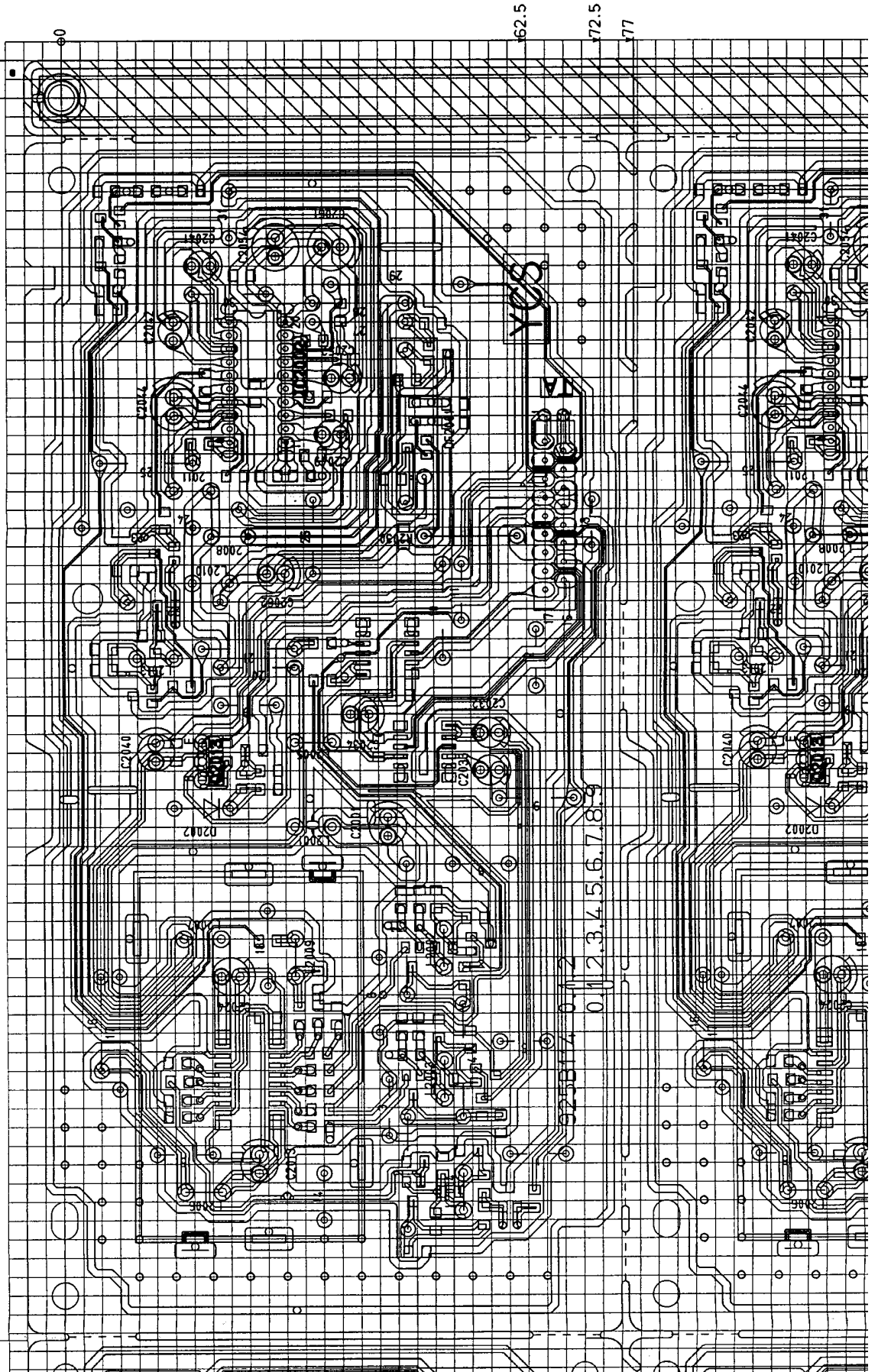
'88.12.11

67 4 1047

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

330
320

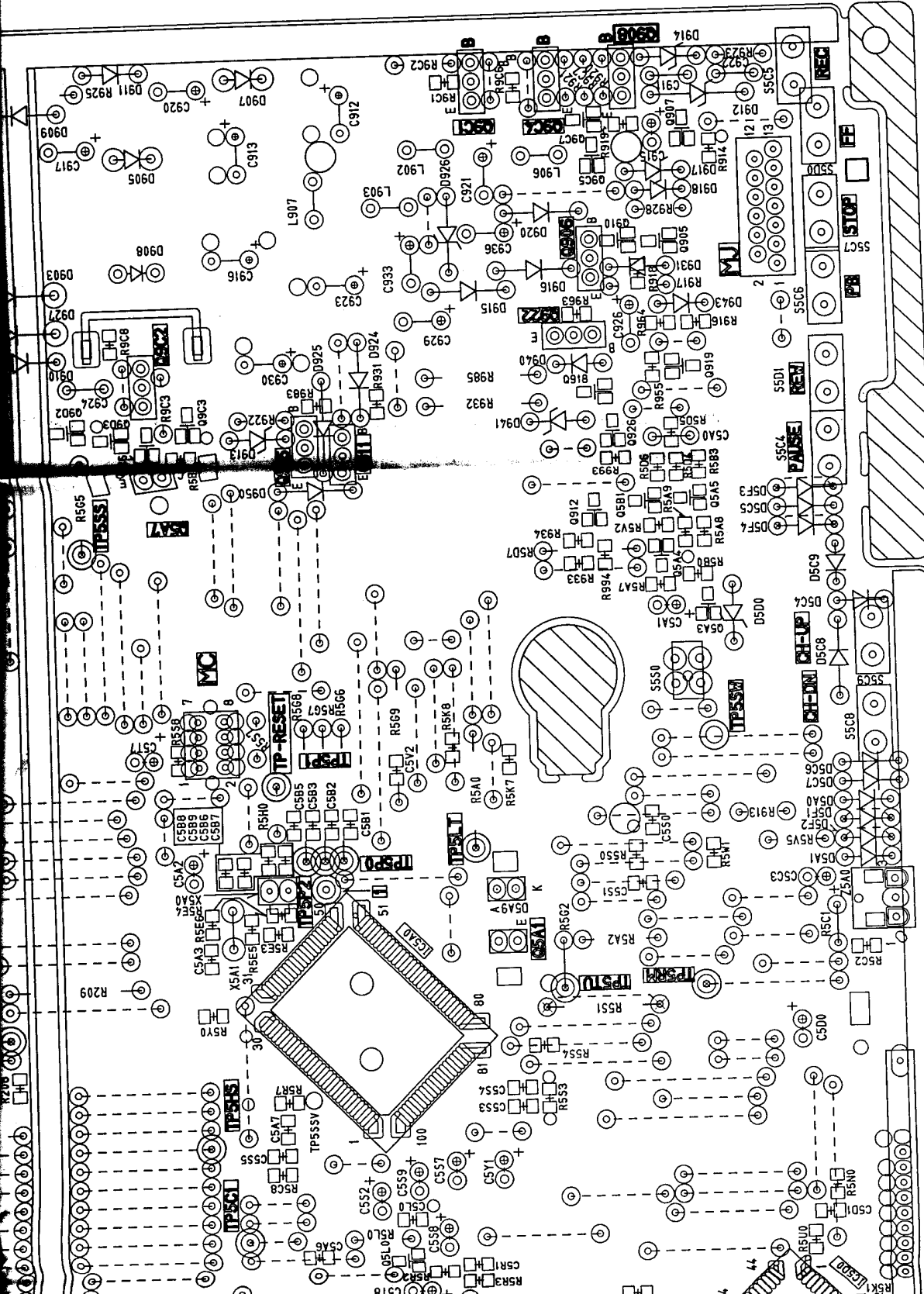


62.5

72.5

177

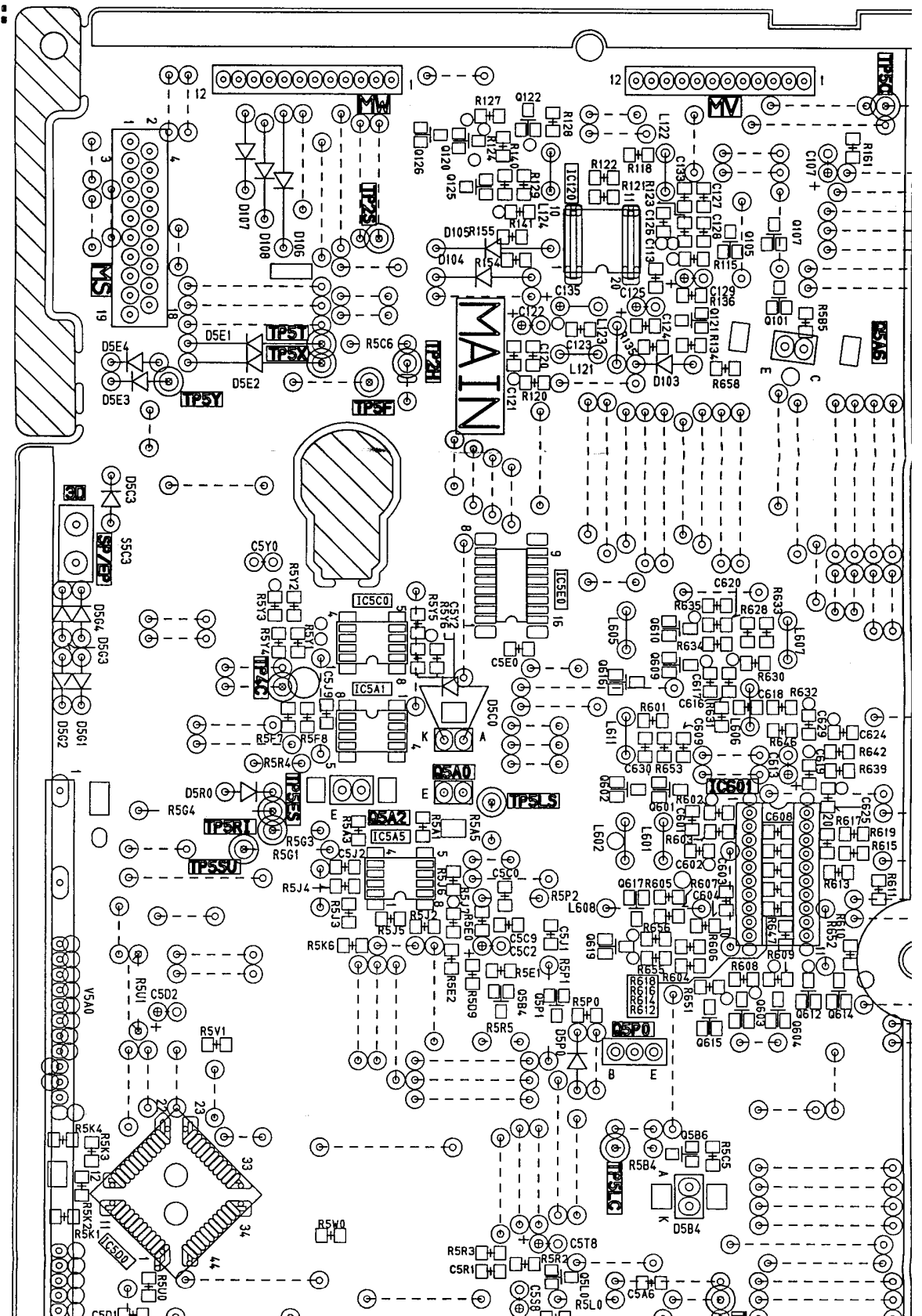
0 1 2 3 4 5 6 7 8 9

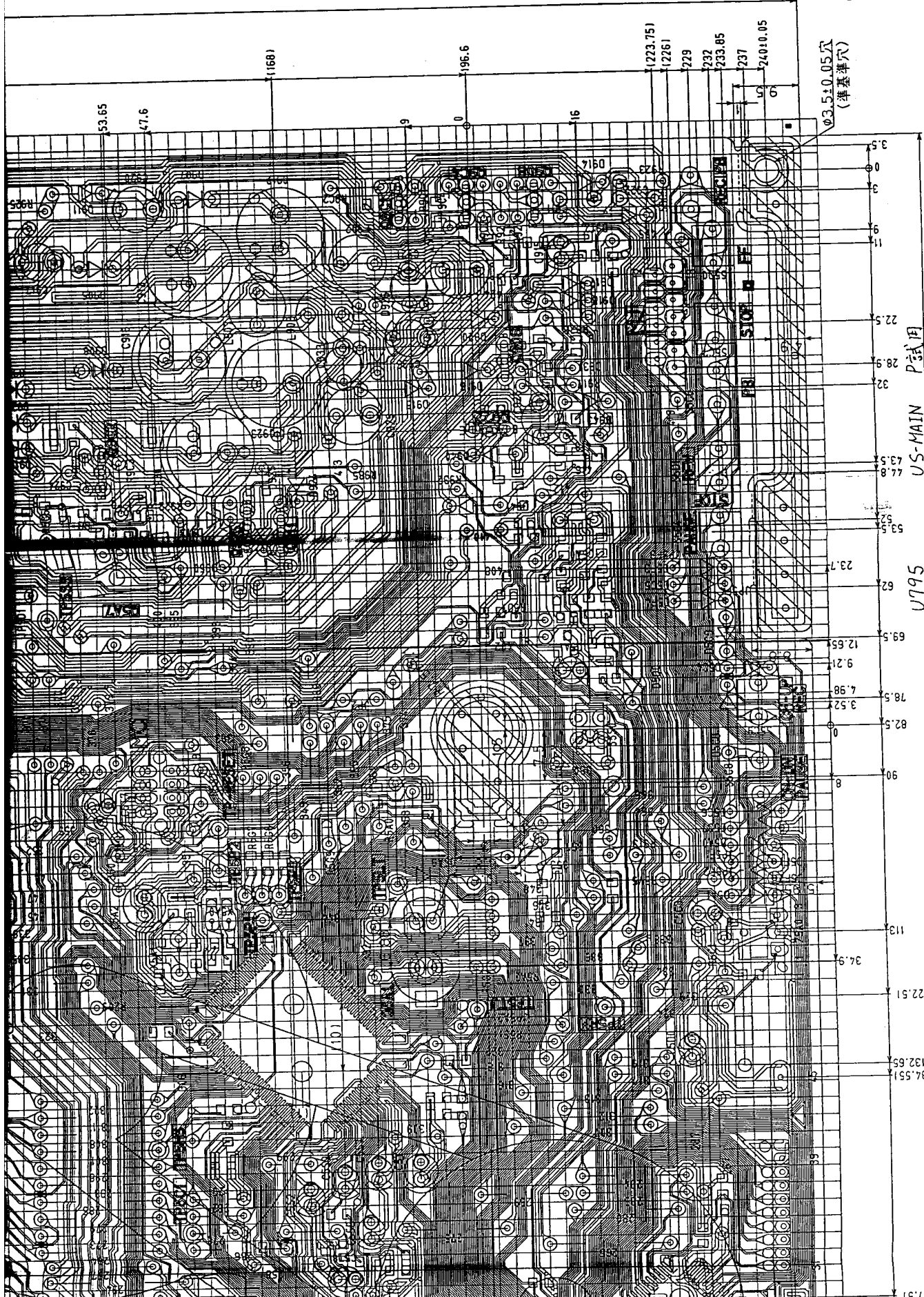
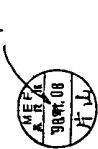


US-MAIN P試用
715 A347 A11

U795

HS-U795
HS-U775
PWB-MAIN
P-TRIAL





53.65
47.6

1168

196.6

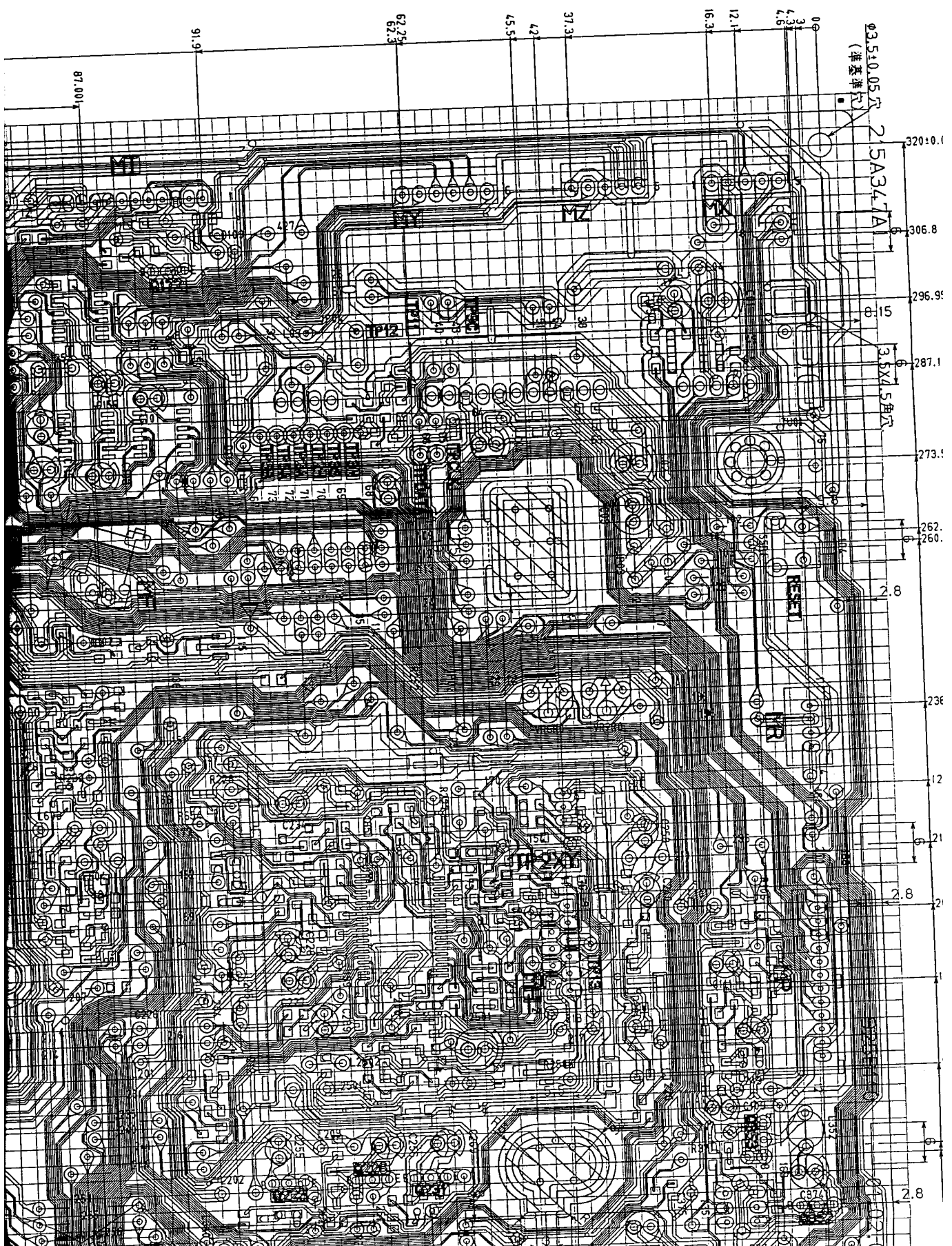
16

1223.751
12261
729
732
733.05
737
24010.05

03.5±0.05
(薄基穿孔)

3.5
0
3
9
11
22.5
28.9
32
43.3
46.8
53.5
53.5
23.7
62
69.5
12.65
9.21
78.5
4.98
3.52
82.5
0
90
8
113
34.9
1122.51
1134.51
132.65

US-MAIN P試用
U795
C 330±0.2
1167.51



Ø3.5±0.05 (彈簧彈穴)

215A347A

320.0
306.8
296.9
287.1
273.1
262
260
2.8
236
12
21
2.8
2
2.8

87.001

91.9

67.25
67.3

45.5

42

37.3

16.3

12.1

4.3
4.6

0

73
74
75
76
77
78

NR

RES1

MZ

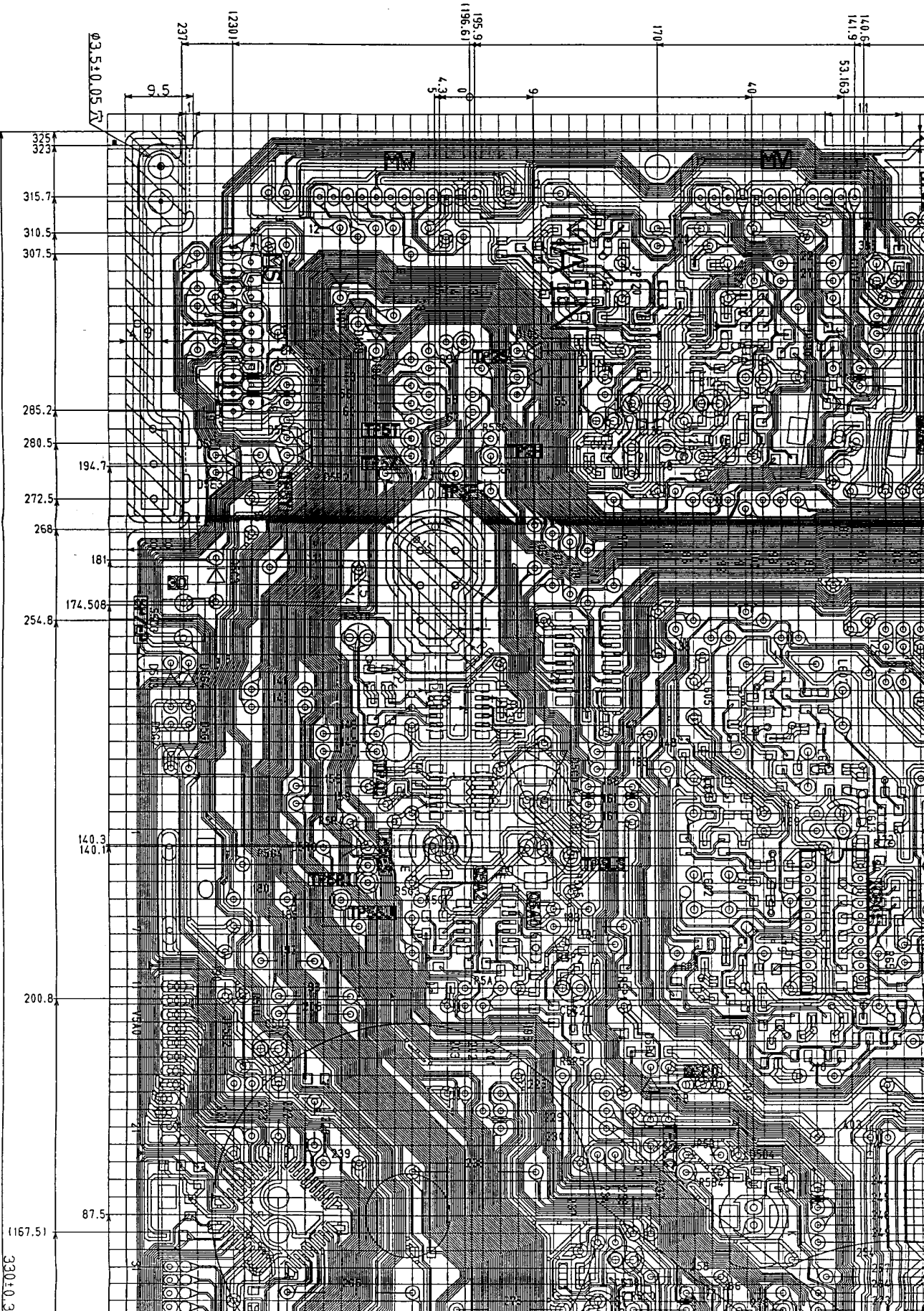
TP12

212

157

157

HS-U795
HS-U775
PWB-MAIN
P-TRIAL



330 ± 0.3

**DESCRIPTION OF CIRCUIT OF RF-MODULATOR
SECTION OF 3IN1 RF-UNIT ASSAY "TMDH2-006A"**

**This RF-Modulator Section of 3in1 RF Unit-Assay "TMDH2-006A"
can convert base band signal to RF output channel of 3 or 4 of
USA.**

RF-Modulator Section 3in1 RF Unit-Assay

Technical Specifications Detail.

SCOPE-

The device, type TMDH2-006A consists of RF-modulator (RF-converter) and Antenna switch (RF switch). when power source is not supplied to the unit, the output signal of RF-modulator is not generated and TV signals to be supplied to the ANT input terminal is let to the TV output terminal through the RF switch.

In this case, RF switch (TR2, TR3) shall work as a high pass filter (C1,C4,C5,C6 and L1,L3,L4,L5, $f_c=54\text{MHz}$).

when power source is not supplied ,the output signal of the RF modulator is let to the TV output terminal through the RF switch (TR1), but TR2 to TR3 of the switch cut off the signal and do not lead it to the ANT input terminal.

1) Type of Emission

Video Modulation Type : A5c
 Polarity of Video Modulation : Negative
 TV System : N.T.S.C
 Audio Modulation Type : F2, $\pm 25\text{kHz}$, 75 μs pre-emphasis.

2) Output Frequency Range

Low ch : VHF Channel 3,(60MHz to 66MHz)
 High ch : VHF Channel 4,(67MHz to 72MHz)
 CH SW terminal is for switching RF Output channel.
 If switch to Low ch with open(Hi level) and High ch with GND(Low level).

3) Range of Operating Power

Fixed Power Range : 63dB(μV) to 69dB(μV), 66.0dB(μV) typ.
 Means Provided for Changing of Operating Power : Not-Applicable.

4) Maximum Power Rating (INTO 75 Ω)

Low ch : 69.5dB(μV)
 High ch : 69.5dB(μV)

5) Voltage and Current to Modulator

Voltage : 5V DC.
 Current : 35mA typ.

6) Function of Active Circuit Devices

IC 1: Video Clamper, White Clip.
 Video Amplitude Modulator, Video Carrier Oscillator.
 Audio Buffer Amplifier, Audio Frequency Modulator, Audio Carrier Oscillator.
 TR 1 : RF Switching (Converter output)
 TR 2 and TR3 : ANT Switching (IN/OUT)

Type of Devices

IC 1 : LA7160M(SANYO) or Equivalent.
 TR1 to TR3 : 2SC4713K(RHOM) or 2SC4680(HITACHI) or 2SC4212(RHOM) or Equivalent.

The video carrier is made by the video carrier from Hi stability Phase Locked Loop oscillation system of IFT (T1) and chip C (C18). Then the video carrier is supplied to the video modulator (IC).

The video signal is supplied to R12 to R15 having input impedance. Then the video signal is supplied to Clamp (IC) and DC clamped. Then the DC clamped video signal supplied to white clip (IC) and supplied to the video modulator (IC) and the video carrier is amplitude modulated by the video signal.

The video & Audio modulator signal is picked up with ATTENUATOR (R6 & R7) and supplied to ANT output terminal through the band pass filter (C10, C11 and C15 and L7) and RF switch (TR1).

The Audio signal is supplied to C26 and R16, R17 having 75 μ S pre-emphasis time constant.

Then the audio signal is supplied to the amplifier (IC) and the 4.5MHz oscillator is adjusted by Internal PLL oscillation system, both are supplied to audio FM modulator and the 4.5MHz oscillator is frequency modulated by this signal. The frequency modulated signal is supplied to modulator and converted to the sound RF signal. Then this signal is picked up and added to video modulated signal (Picture RF signal). RF switch (TR2 to TR3) can attenuate the RF output signal enough to the ANT input terminal both from the ANT output terminal and RF modulator. output.

(PLL : Phase Locked Loop)

7) Tune up procedure over the Power range or at specifications Operating power level Not Adjustable (*)

* The consumer can not adjust it.

* Tune up procedure

R12, R14, R15 : Video Modulation (Degree) Adjust.

R17 : Audio Modulation (Degree) Adjust.

T1 : Oscillator Coil.

C13 : Picture & Sound Carrier Ratio Adjust.

8) All Circuitry and Devices provided for Determining and Stabilizing Frequency

The Video & Audio carrier of Hi Stability PLL oscillator is used. Composition for the Capacitor of C18 (Temperature compensation for type UJ) and IFT of T1 with schematic.

9) Any Circuitry and Devices Employed for Suppression of Spurious Radiation, for limiting the Operating Power

a) Suppression of Spurious Radiation

On the RF OUTPUT, there is low pass filter to suppress spurious.

b) Limiting the Operating Power

The modulation degree is set with R6 & R7. (Picture & Sound Mixtures Carrier Level)

10) Block Diagram and Circuit Diagram

Attached.

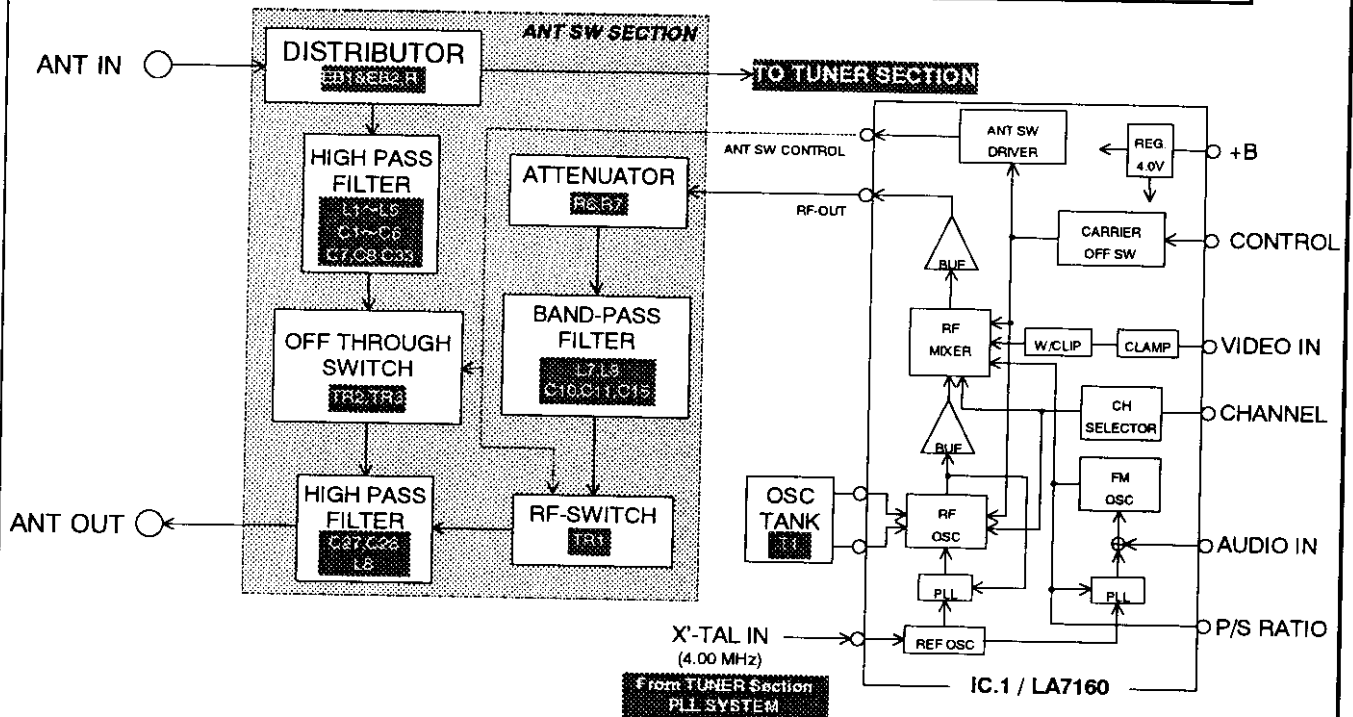
11) Limiting Spurious

a) The oscillator circuit is to get as small as possible the oscillator power.

b) Low pass filter in output circuit to suppress out band spurious.

c) Entire circuit board is covered and shielded by metal case.

**NTSC 31N1 TUNER RF-CONVERTERPLL SYSTEM SECTION
BLOCK DIAGRAM FOR IC1(LA7160)**



**NTSC 31N1 TUNER RF-CONVERTERPLL SYSTEM SECTION
SCHEMATIC FOR TMDH2-006A**

